

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016425.D
 Acq On : 26 May 2020 14:24
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: May 26 15:58:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	169976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	259238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	135879	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	305435	135.23	ug/l	0.00
Spiked Amount			Recovery	=	270.46%	
35) Dibromofluoromethane	5.47	113	263268	152.06	ug/l	0.00
Spiked Amount			Recovery	=	304.12%	
50) Toluene-d8	8.70	98	977769	146.87	ug/l	0.00
Spiked Amount			Recovery	=	293.74%	
62) 4-Bromofluorobenzene	11.12	95	378866	150.53	ug/l	0.00
Spiked Amount			Recovery	=	301.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	222179	128.851	ug/l	98
3) Chloromethane	1.31	50	228676	112.368	ug/l	98
4) Vinyl Chloride	1.39	62	297634	132.546	ug/l	99
5) Bromomethane	1.62	94	429691	293.627	ug/l	97
6) Chloroethane	1.68	64	253075	181.525	ug/l	100
7) Trichlorofluoromethane	1.90	101	513392	168.085	ug/l	97
8) Diethyl Ether	2.17	74	207134	162.138	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	233785	140.125	ug/l	97
10) Methyl Iodide	2.48	142	300931	140.342	ug/l	95
11) Tert butyl alcohol	3.04	59	372227	673.949	ug/l	99
12) 1,1-Dichloroethene	2.35	96	242832	139.166	ug/l	96
13) Acrolein	2.27	56	180475	538.111	ug/l	99
14) Allyl chloride	2.70	41	384199	121.912	ug/l	98
15) Acrylonitrile	3.12	53	741695	644.663	ug/l	100
16) Acetone	2.42	43	613204	625.973	ug/l	100
17) Carbon Disulfide	2.54	76	705475	118.954	ug/l	99
18) Methyl Acetate	2.75	43	302746	125.778	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	843012	139.376	ug/l	98
20) Methylene Chloride	2.83	84	268734	131.801	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	277514	140.728	ug/l	96
22) Diisopropyl ether	3.82	45	782859	129.724	ug/l	99
23) Vinyl Acetate	3.79	43	3609998	681.187	ug/l	99
24) 1,1-Dichloroethane	3.67	63	458966	135.057	ug/l	98
25) 2-Butanone	4.64	43	1025520	648.897	ug/l	98
26) 2,2-Dichloropropane	4.55	77	414230	133.144	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	309661	143.116	ug/l	99
28) Bromochloromethane	4.98	49	210080	134.965	ug/l	99
29) Tetrahydrofuran	5.09	42	670428	641.091	ug/l	99
30) Chloroform	5.18	83	482796	141.305	ug/l	97
31) Cyclohexane	5.55	56	391669	129.018	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	450910	144.733	ug/l	99
36) 1,1-Dichloropropene	5.77	75	361982	137.045	ug/l	99
37) Ethyl Acetate	4.80	43	398654	132.330	ug/l	100
38) Carbon Tetrachloride	5.76	117	408106	151.355	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	408177	130.552	ug/l	98
40) Benzene	6.12	78	1069118	138.135	ug/l	99
41) Methacrylonitrile	5.01	41	211887	130.311	ug/l	98
42) 1,2-Dichloroethane	6.17	62	379245	136.206	ug/l	100
43) Isopropyl Acetate	6.42	43	641058	132.958	ug/l	100
44) Trichloroethene	7.19	130	345367	126.289	ug/l	96
45) 1,2-Dichloropropane	7.49	63	264268	135.923	ug/l	99
46) Dibromomethane	7.64	93	196269	146.030	ug/l	95
47) Bromodichloromethane	7.88	83	402126	148.144	ug/l	98
48) Methyl methacrylate	7.75	41	301660	132.790	ug/l	99
49) 1,4-Dioxane	7.72	88	155248	2807.289	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2066442	699.601	ug/l	99
52) Toluene	8.77	92	703055	145.102	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	460432	142.714	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	476071	141.872	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	291048	152.022	ug/l	97
56) Ethyl methacrylate	9.16	69	457687	148.762	ug/l	100
57) 1,3-Dichloropropane	9.35	76	463935	139.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1197955	732.784	ug/l	99
59) 2-Hexanone	9.48	43	1628964	701.631	ug/l	99
60) Dibromochloromethane	9.57	129	354911	167.358	ug/l	99
61) 1,2-Dibromoethane	9.66	107	318761	153.276	ug/l	98
64) Tetrachloroethene	9.32	164	386727	123.076	ug/l	95
65) Chlorobenzene	10.12	112	781734	144.403	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	306050	152.524	ug/l	99
67) Ethyl Benzene	10.24	91	1355475	141.201	ug/l	99
68) m/p-Xylenes	10.35	106	1089001	301.913	ug/l	98
69) o-Xylene	10.68	106	521346	150.062	ug/l	98
70) Styrene	10.70	104	912558	155.294	ug/l	98
71) Bromoform	10.84	173	283986	173.429	ug/l	100
73) Isopropylbenzene	11.01	105	1355194	138.233	ug/l	99
74) N-amyl acetate	10.88	43	582157	129.617	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	380855	211.540	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	563483	185.307	ug/l	83
77) Bromobenzene	11.24	156	365829	143.613	ug/l	97
78) n-propylbenzene	11.35	91	1521866	133.755	ug/l	100
79) 2-Chlorotoluene	11.41	91	911172	135.420	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1164230	140.727	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	180286	142.166	ug/l	98
82) 4-Chlorotoluene	11.49	91	1107256	139.225	ug/l	100
83) tert-Butylbenzene	11.76	119	1023295	143.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1155326	138.422	ug/l	99
85) sec-Butylbenzene	11.93	105	1266933	132.895	ug/l	100
86) p-Isopropyltoluene	12.05	119	1188028	134.553	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	652154	143.325	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	659486	142.717	ug/l	97
89) n-Butylbenzene	12.37	91	1039905	129.642	ug/l	99
90) Hexachloroethane	12.58	117	226774	148.591	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	631065	143.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108150	134.846	ug/l	93

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QLast Update : Tue May 26 15:50:19 2020
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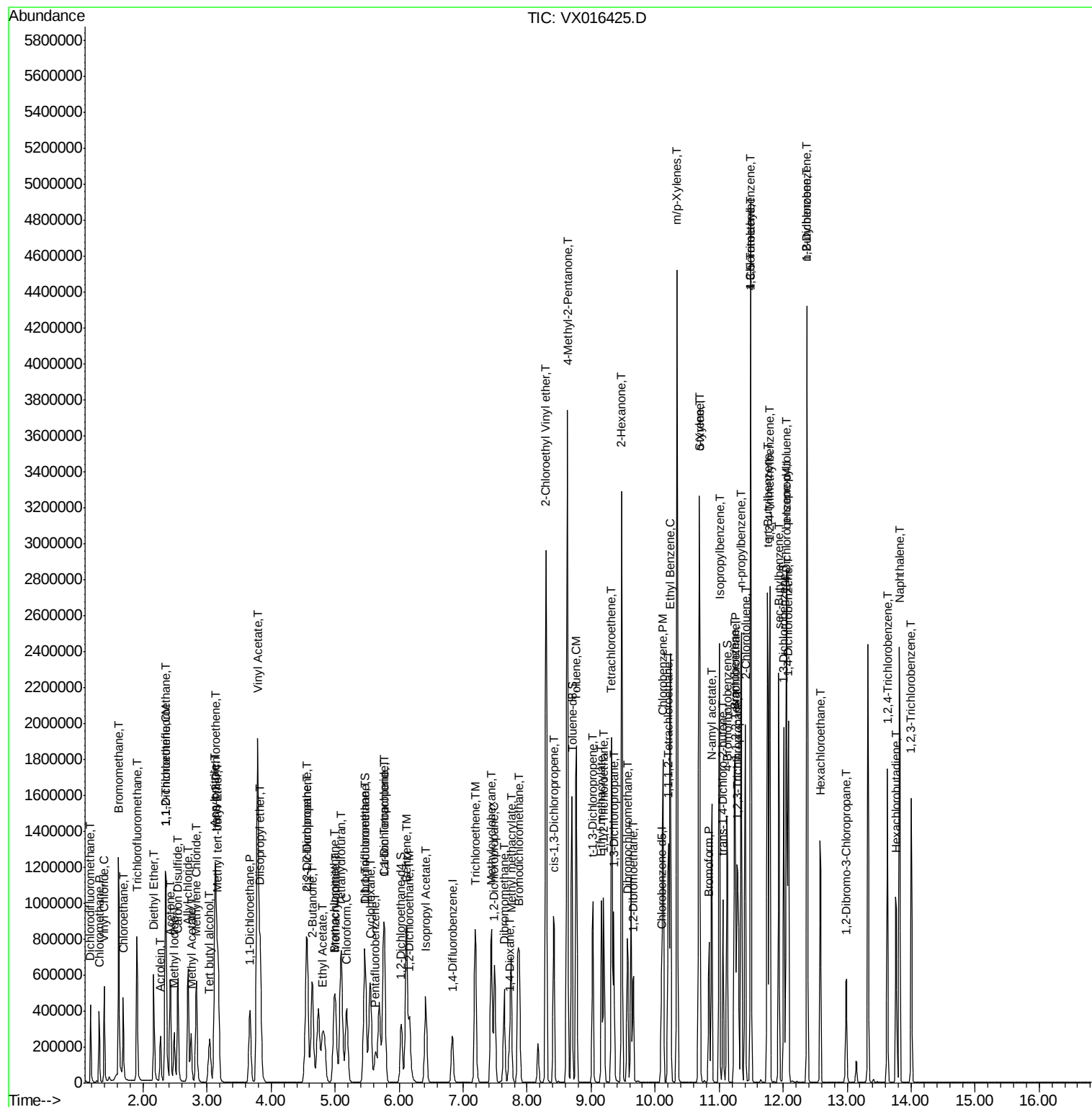
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	420928	131.832	ug/l	98
94) Hexachlorobutadiene	13.76	225	142749	99.980	ug/l	97
95) Naphthalene	13.82	128	1479152	141.451	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	394389	126.985	ug/l	99

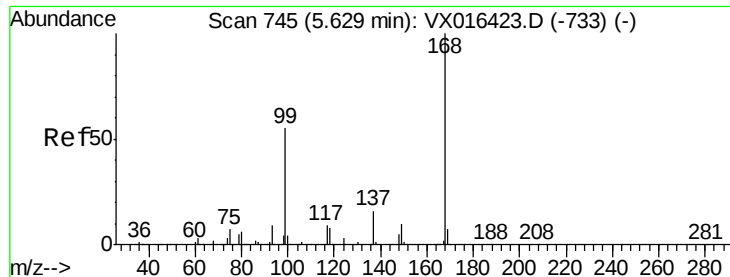
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Quant Title : SW846 8260
QLast Update : Tue May 26 15:50:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

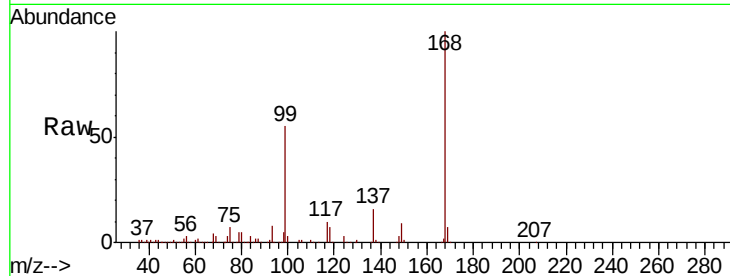
VSTDIC150

Tot Ion:168 Resp: 169976

Ion Ratio Lower Upper

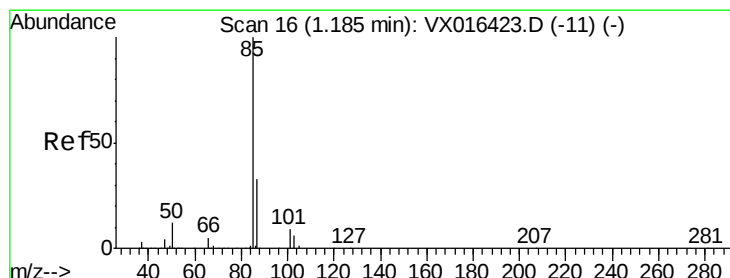
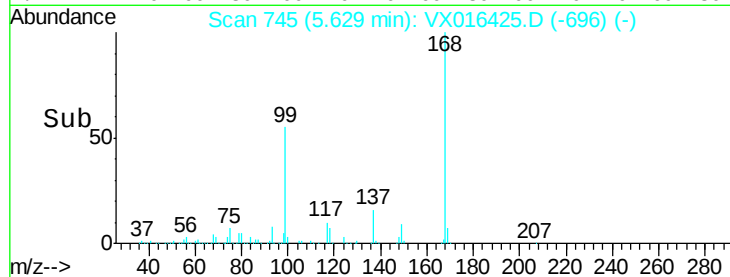
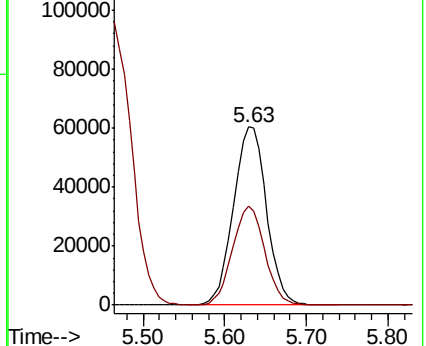
168 100

99 55.2 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 128.851 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016425.D

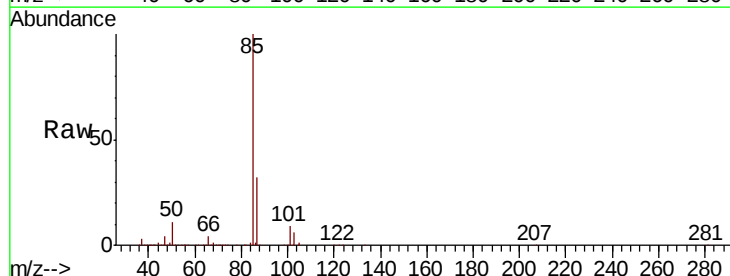
Acq: 26 May 2020 14:24

Tgt Ion: 85 Resp: 222179

Ion Ratio Lower Upper

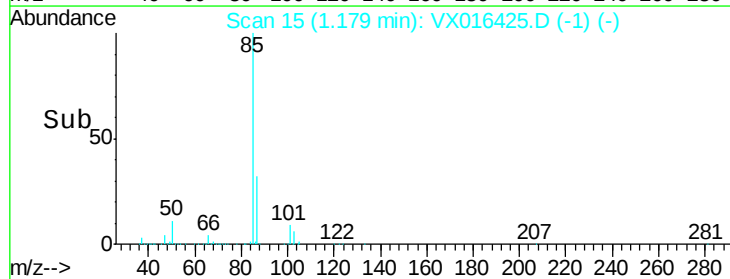
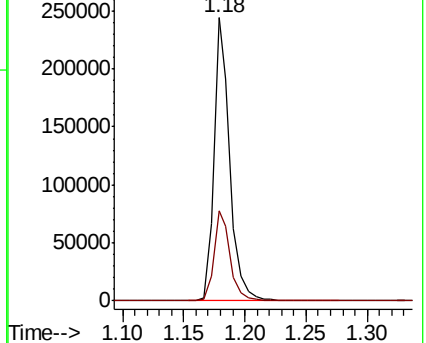
85 100

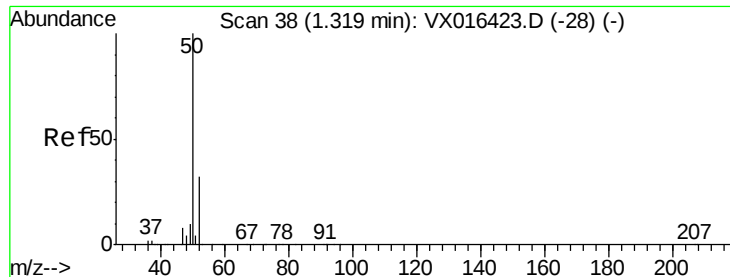
87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 112.368 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

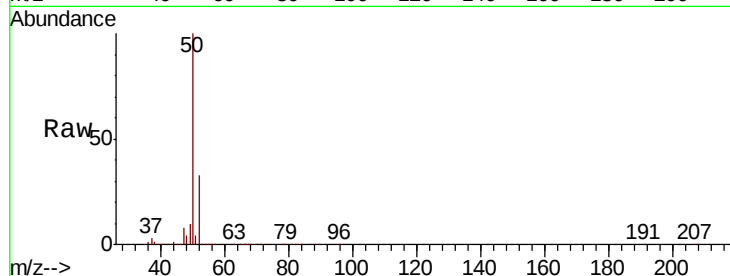
VSTDIC150

Tot Ion: 50 Resp: 228676

Ion Ratio Lower Upper

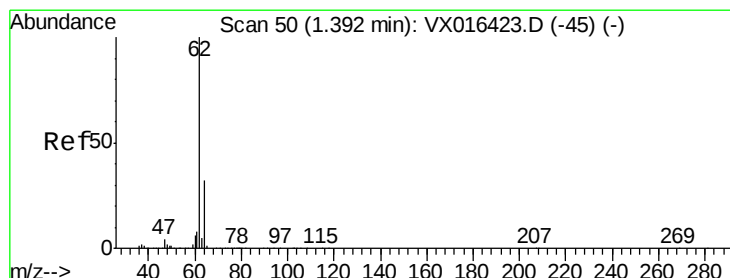
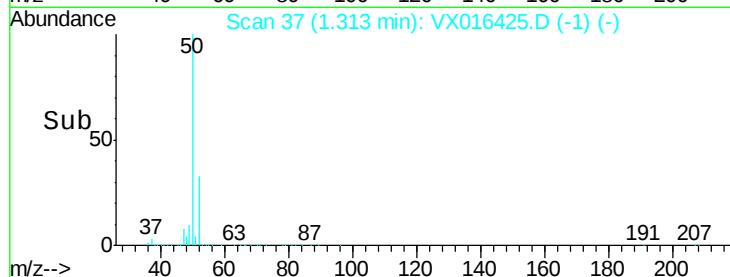
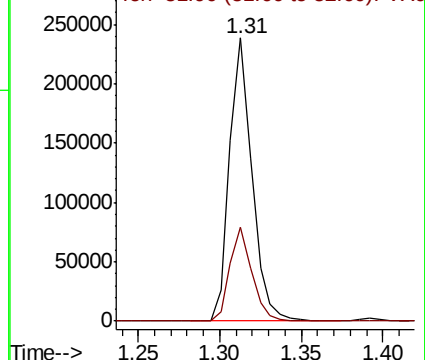
50 100

52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 132.546 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016425.D

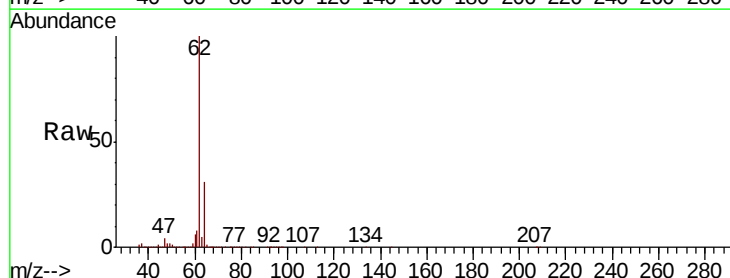
Acq: 26 May 2020 14:24

Tgt Ion: 62 Resp: 297634

Ion Ratio Lower Upper

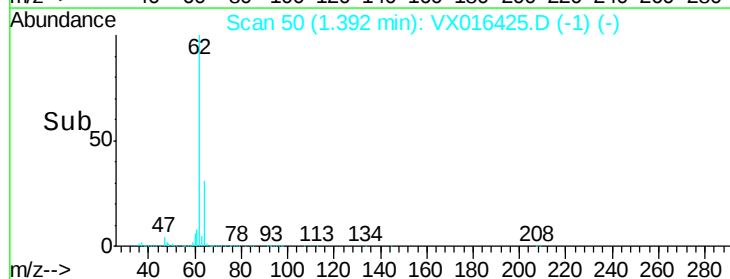
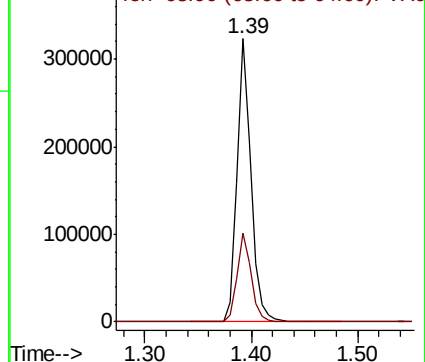
62 100

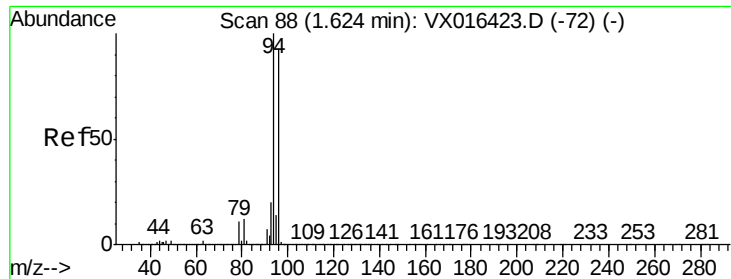
64 31.2 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 293.627 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016425.D

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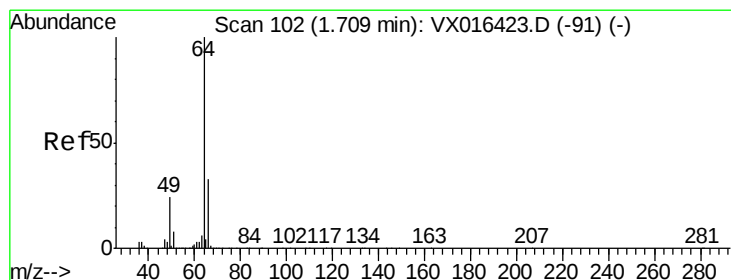
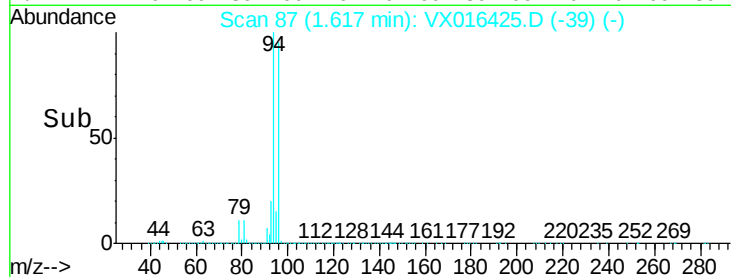
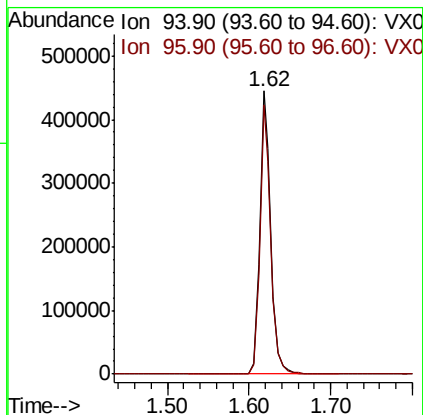
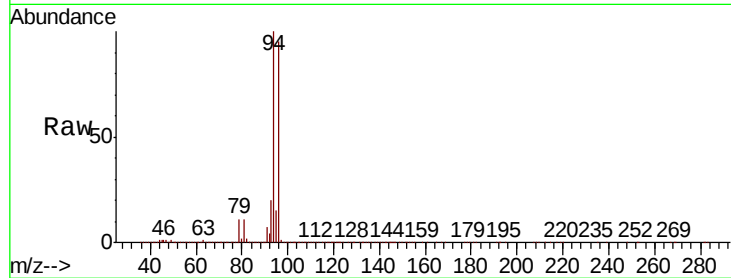
VSTDIC150

Tot Ion: 94 Resp: 429691

Ion Ratio Lower Upper

94 100

96 95.1 73.7 110.5



#6

Chloroethane

Concen: 181.525 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.02 min

Lab File: VX016425.D

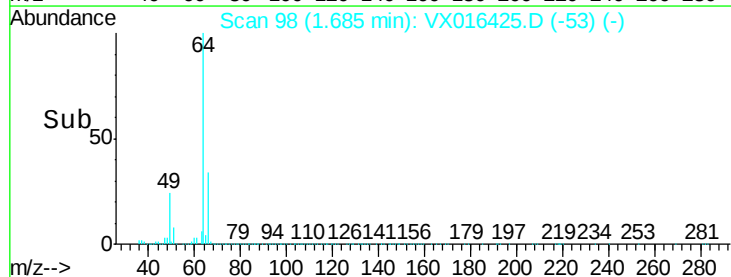
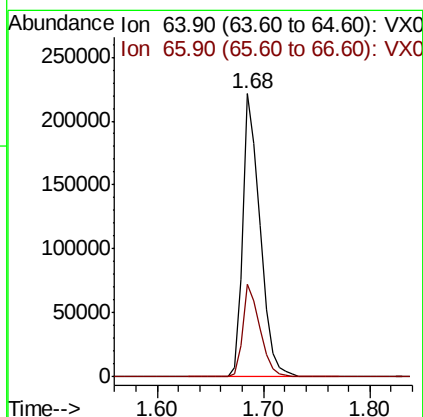
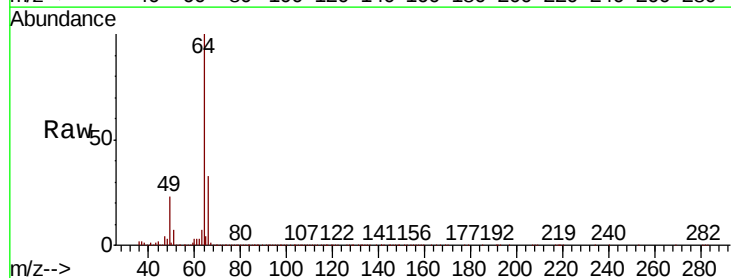
Acq: 26 May 2020 14:24

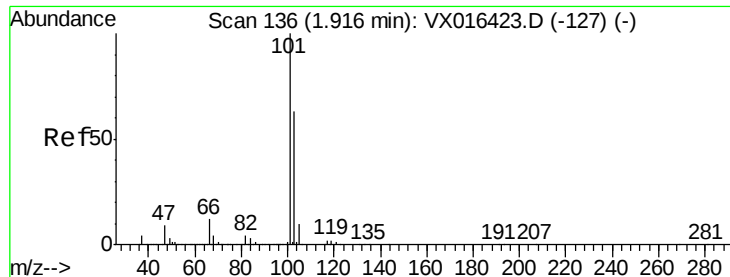
Tgt Ion: 64 Resp: 253075

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0



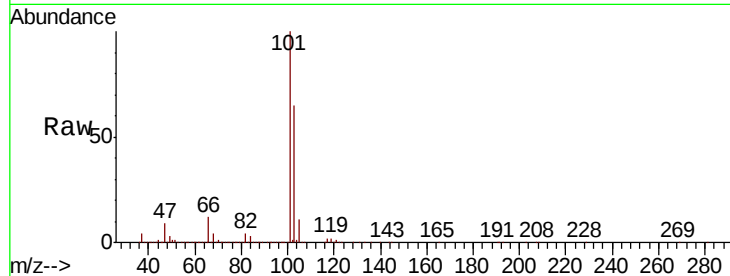


#7

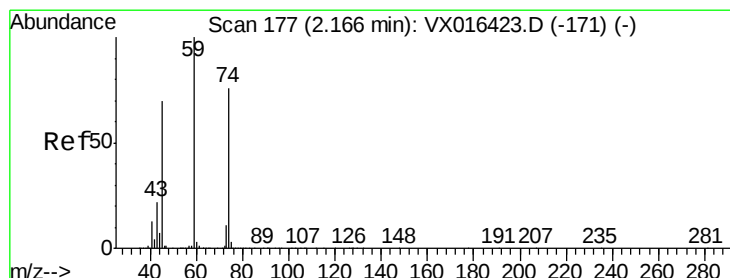
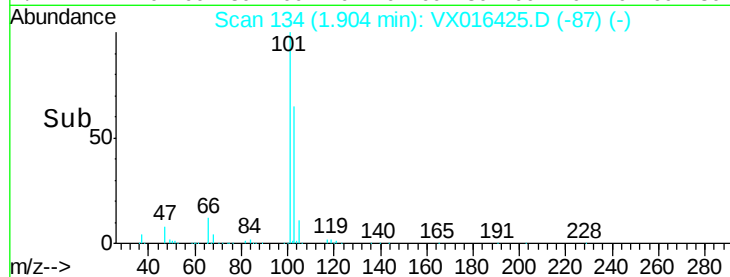
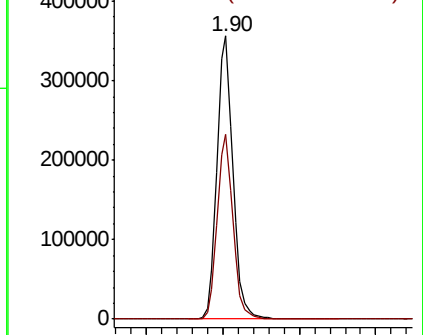
Trichlorofluoromethane
 Concen: 168.085 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. -0.01 min
 Lab File: VX016425.D
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Instrument :
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 VSTDIC150

Tot Ion:101 Resp: 513392
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.1 75.1



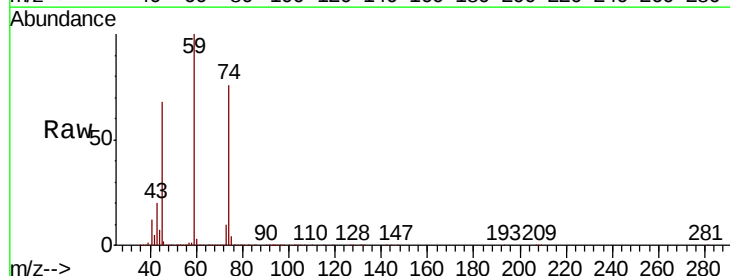
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



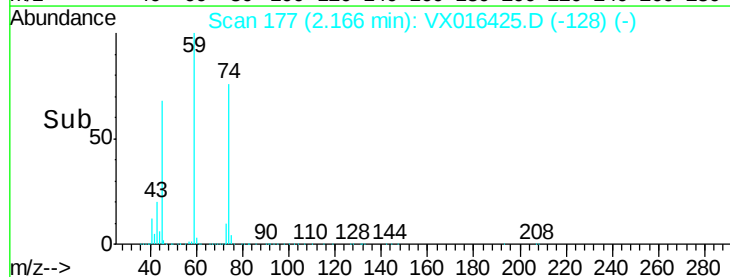
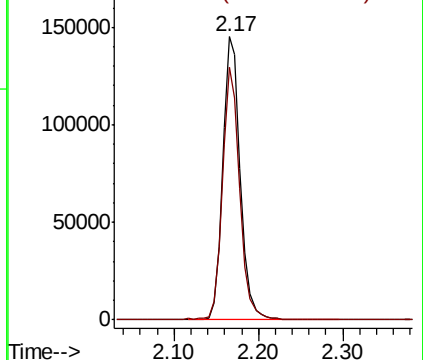
#8

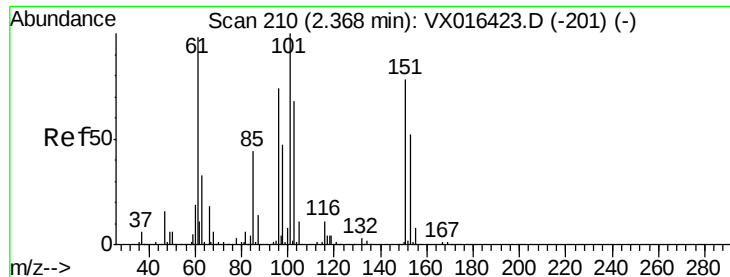
Diethyl Ether
 Concen: 162.138 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
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Tgt Ion: 74 Resp: 207134
 Ion Ratio Lower Upper
 74 100
 45 88.3 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.125 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

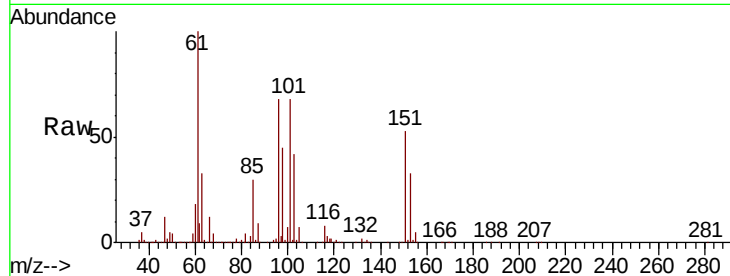
Tot Ion:101 Resp: 233785

Ion Ratio Lower Upper

101 100

85 43.5 36.2 54.4

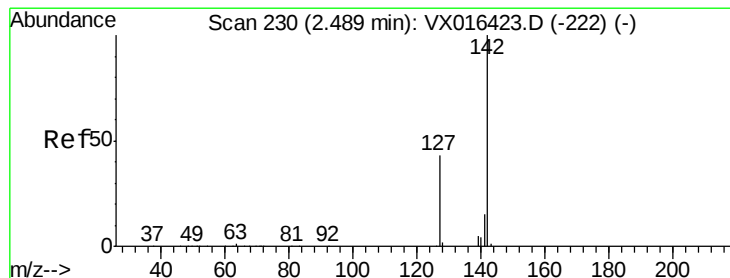
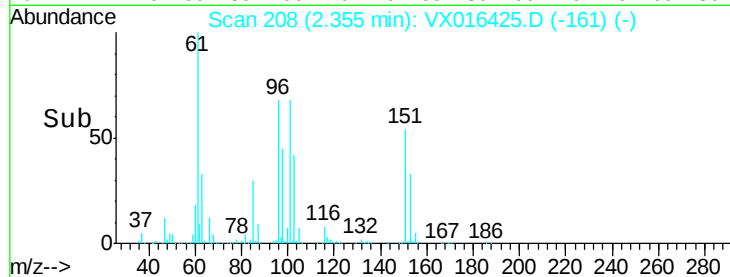
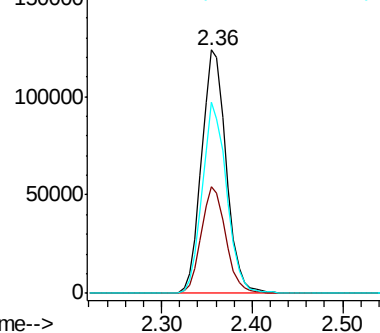
151 77.6 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 140.342 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

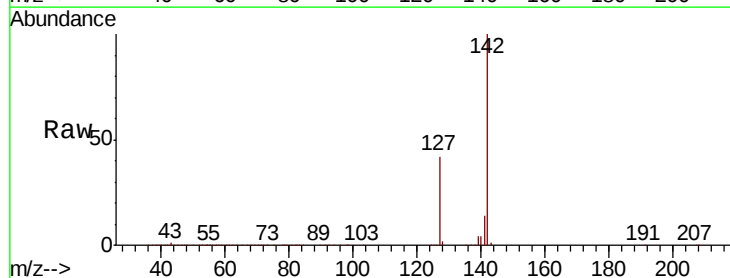
Tgt Ion:142 Resp: 300931

Ion Ratio Lower Upper

142 100

127 41.5 36.2 54.4

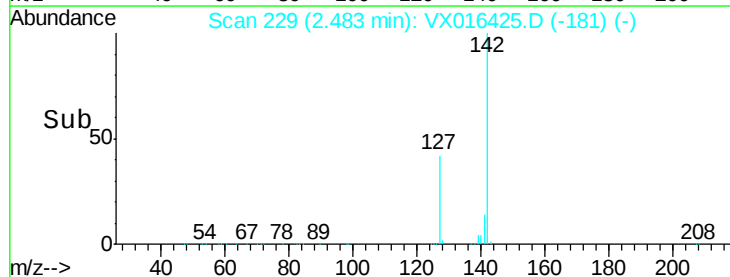
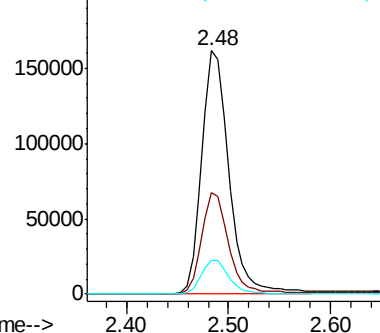
141 14.1 12.2 18.2

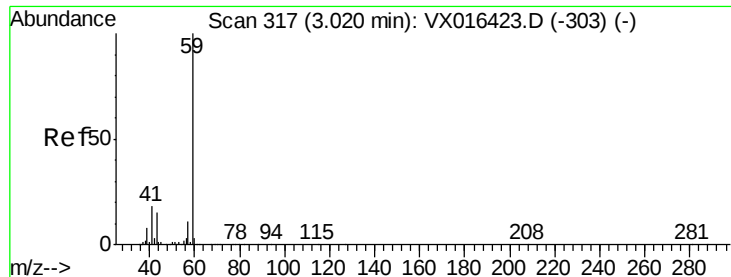


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



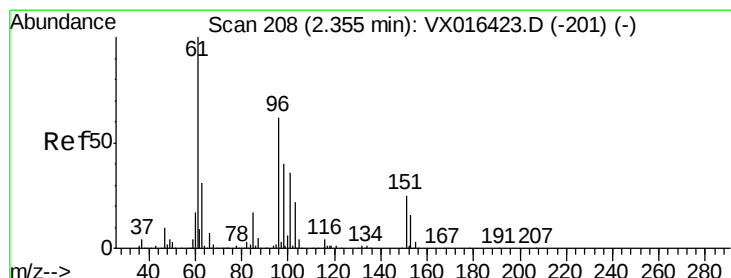
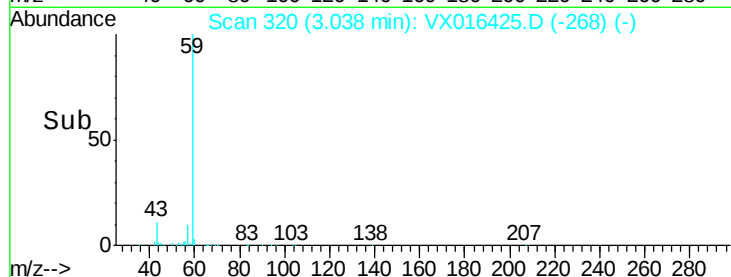
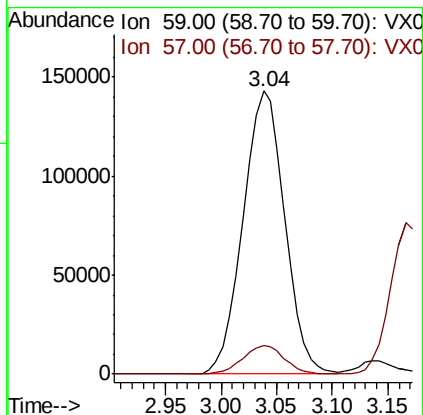
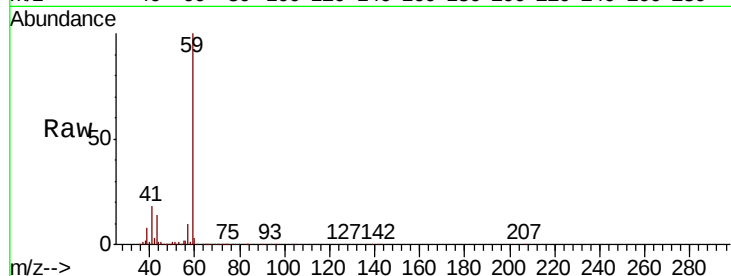


#11

Tert butyl alcohol
Concen: 673.949 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

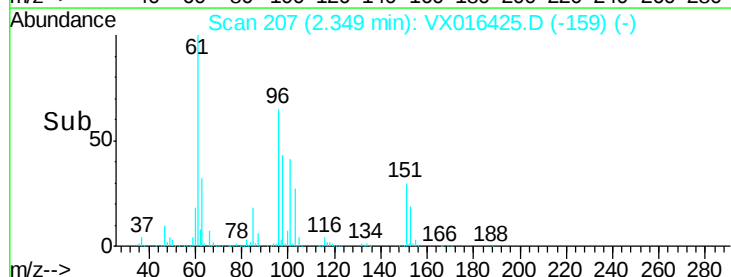
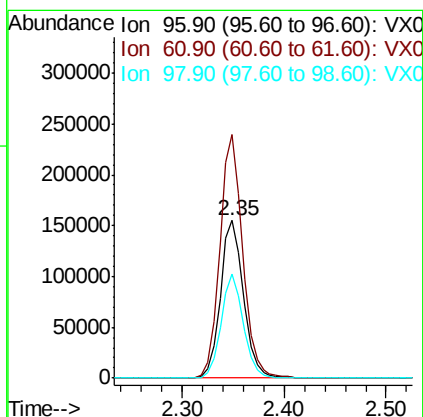
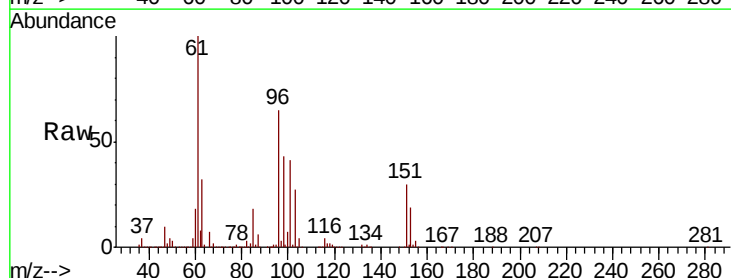
Tot Ion: 59 Resp: 372227
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

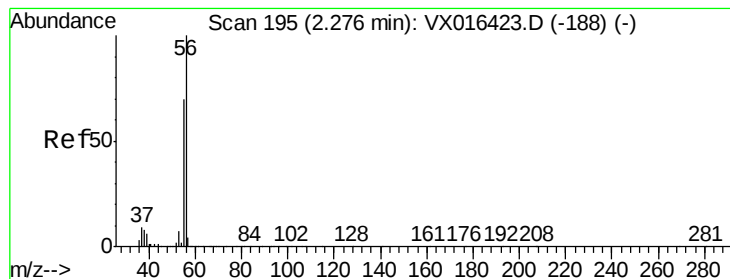


#12

1,1-Dichloroethene
Concen: 139.166 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 96 Resp: 242832
Ion Ratio Lower Upper
96 100
61 154.7 128.2 192.4
98 66.5 50.8 76.2





#13

Acrolein

Concen: 538.111 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

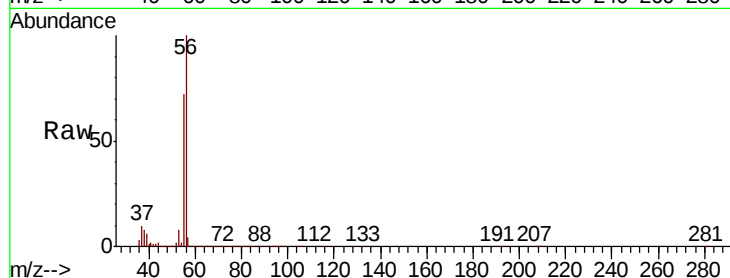
VSTDIC150

Tot Ion: 56 Resp: 180475

Ion Ratio Lower Upper

56 100

55 71.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

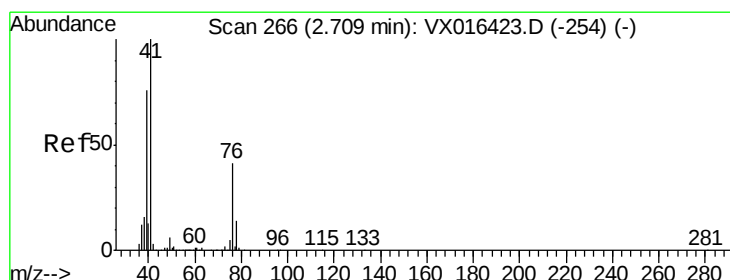
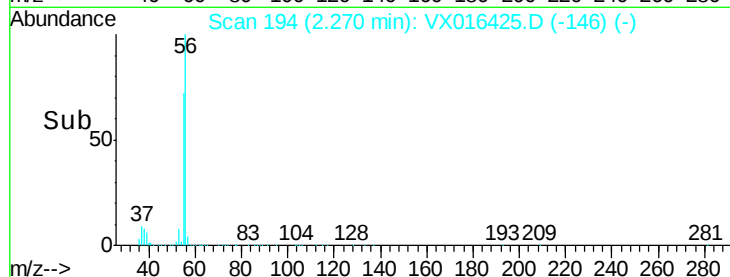
2.27

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 121.912 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

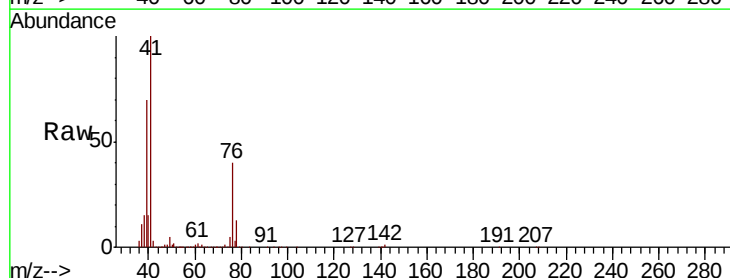
Tgt Ion: 41 Resp: 384199

Ion Ratio Lower Upper

41 100

39 67.8 55.8 83.8

76 38.3 29.6 44.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

600000

500000

400000

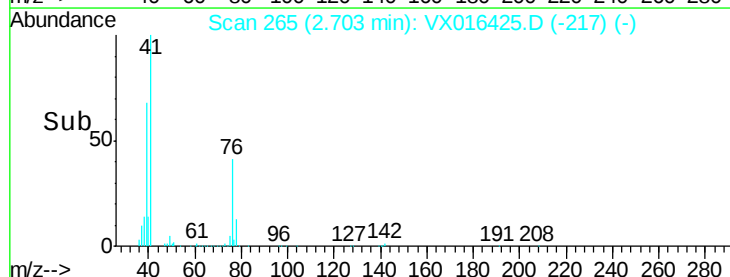
300000

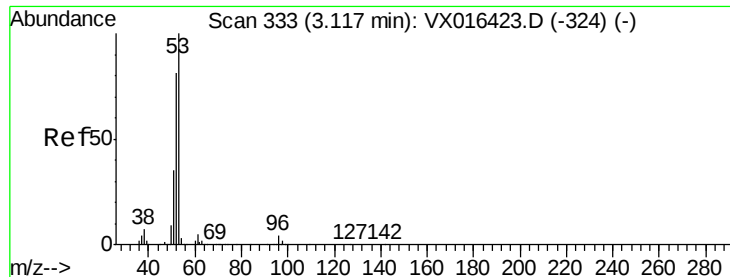
200000

100000

0

Time-->

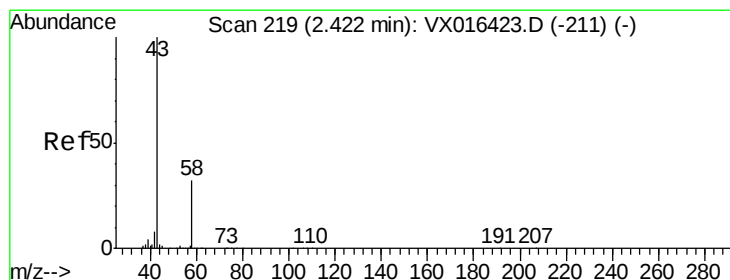
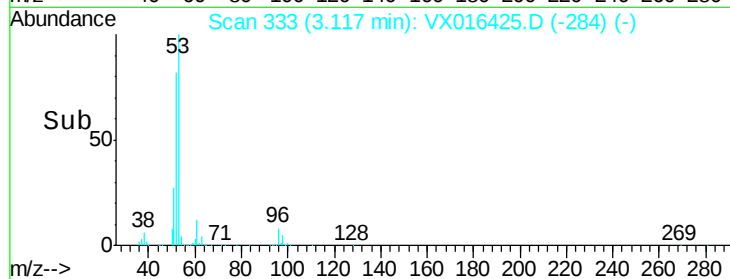
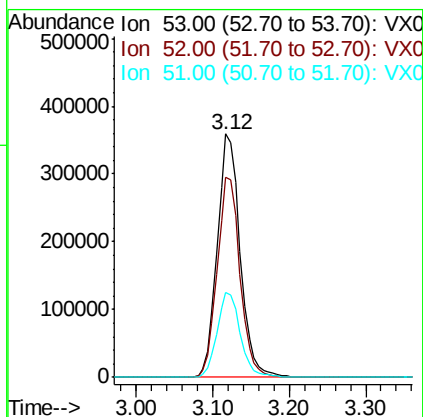
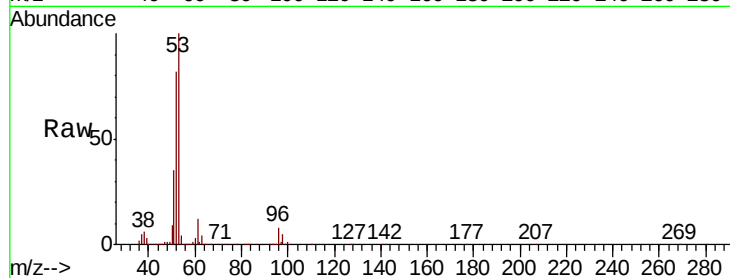




#15
 Acrylonitrile
 Concen: 644.663 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

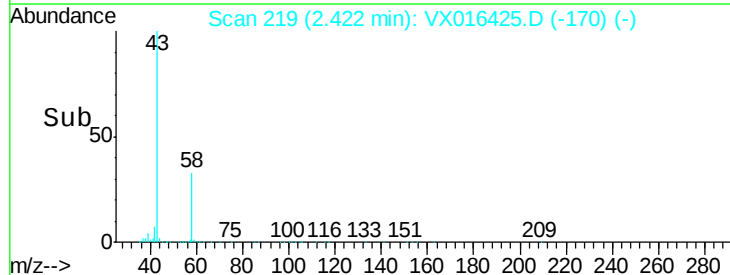
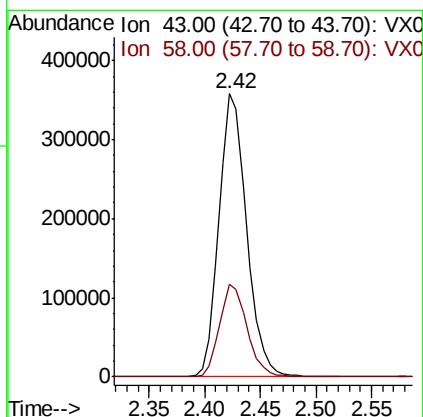
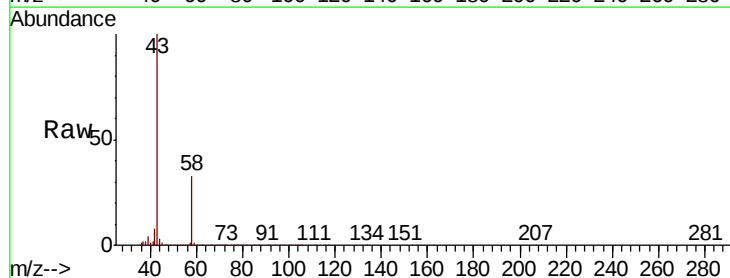
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

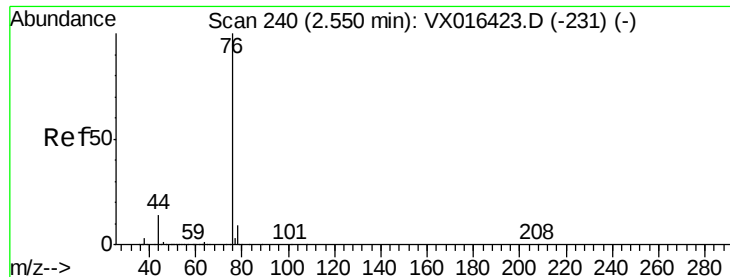
Tot Ion	53	Resp	741695
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.4	98.2
51	35.6	28.4	42.6



#16
 Acetone
 Concen: 625.973 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	43	Resp	613204
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.0	39.0

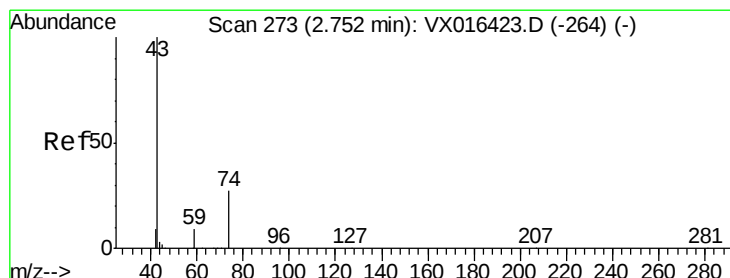
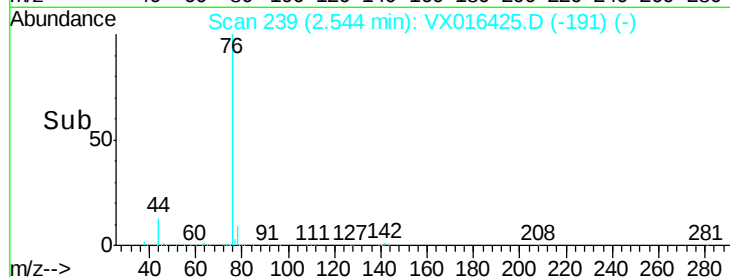
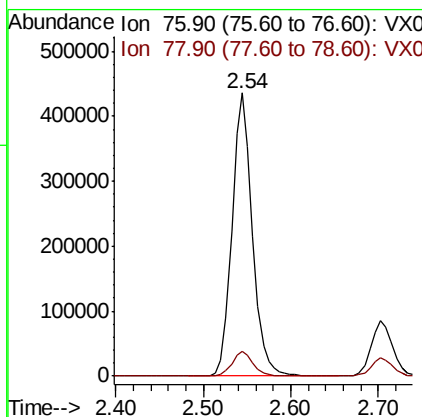
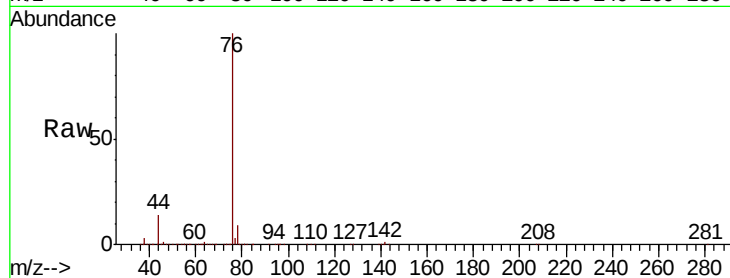




#17
Carbon Disulfide
Concen: 118.954 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

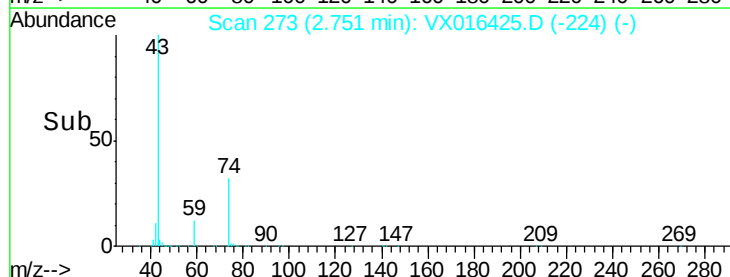
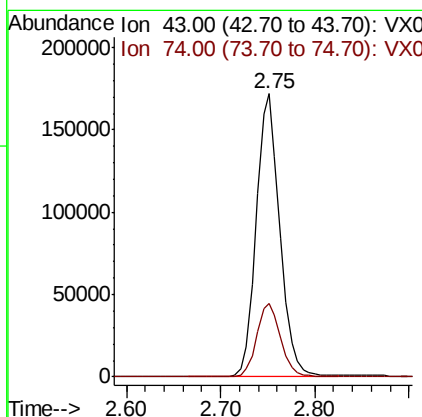
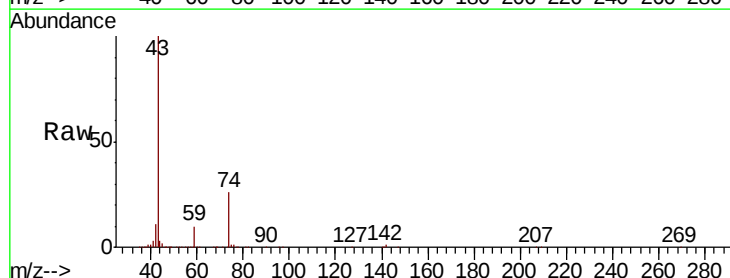
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

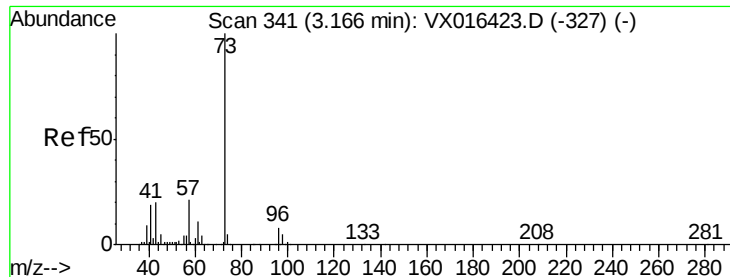
Tot Ion: 76 Resp: 705475
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 125.778 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 43 Resp: 302746
Ion Ratio Lower Upper
43 100
74 26.7 21.3 31.9



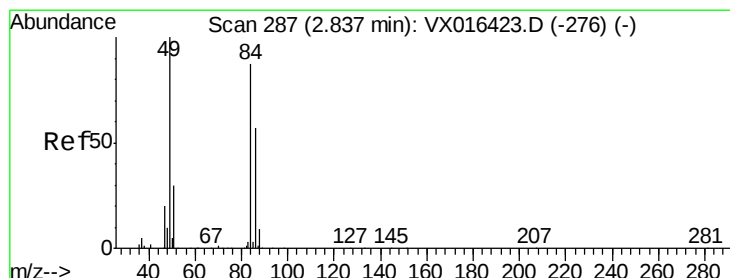
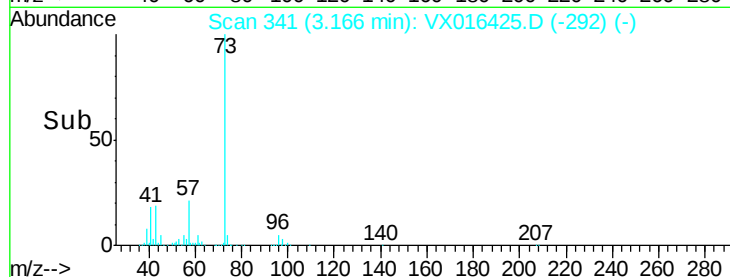
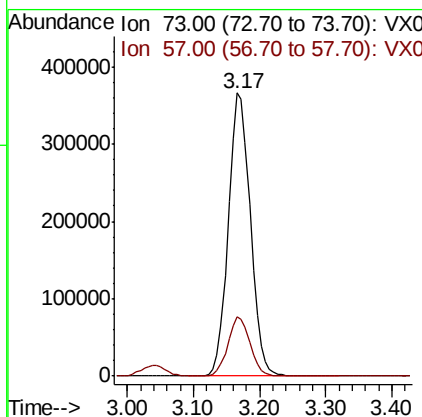
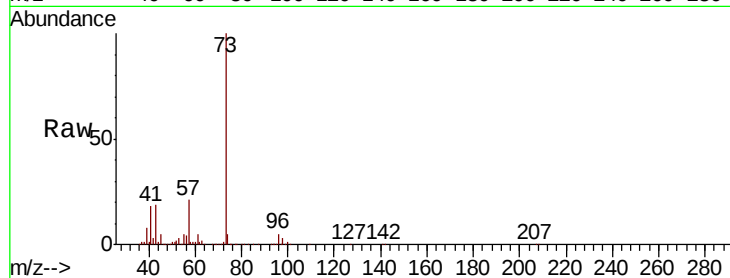


#19

Methyl tert-butyl Ether
 Concen: 139.376 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

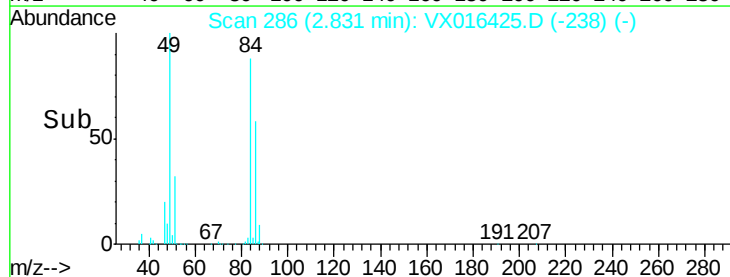
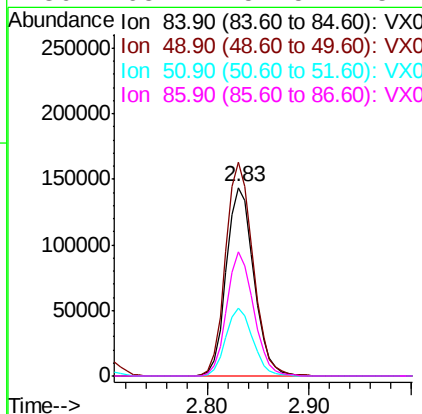
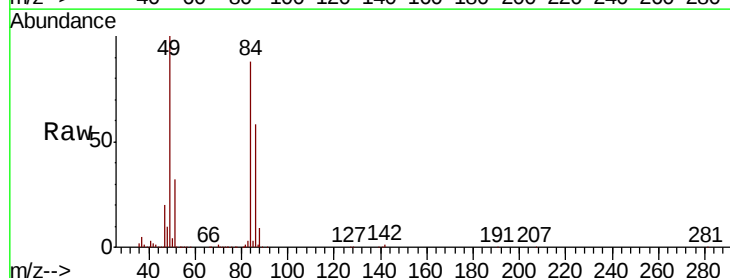
Tot Ion: 73 Resp: 843012
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.3 25.9

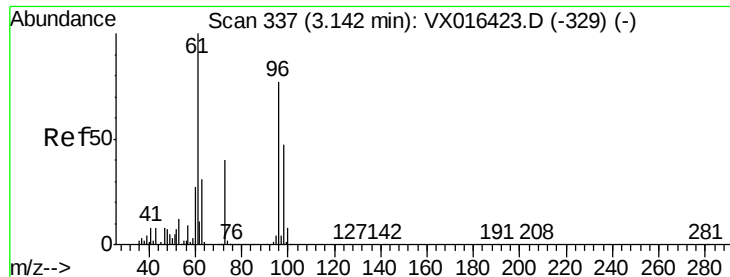


#20

Methylene Chloride
 Concen: 131.801 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion: 84 Resp: 268734
 Ion Ratio Lower Upper
 84 100
 49 113.4 92.2 138.4
 51 36.3 27.8 41.8
 86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 140.728 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

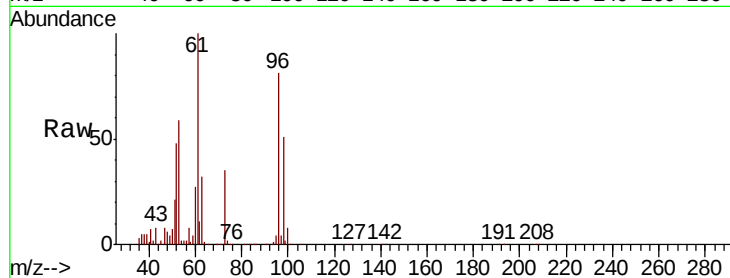
Tot Ion: 96 Resp: 277514

Ion Ratio Lower Upper

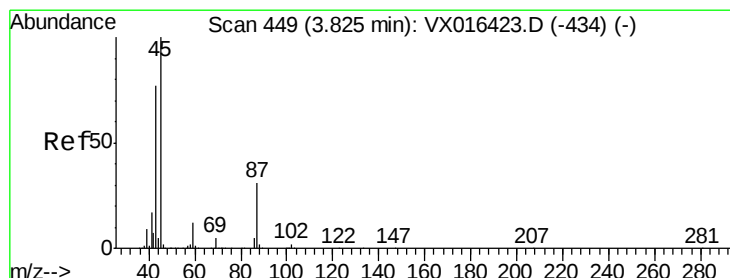
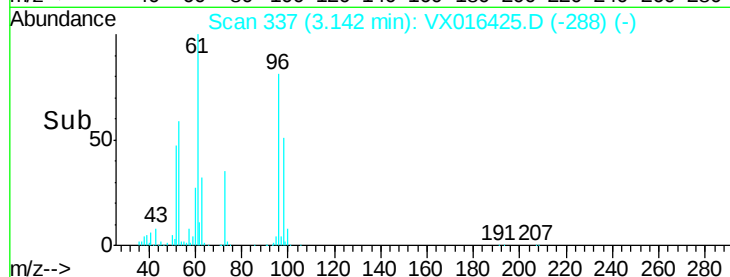
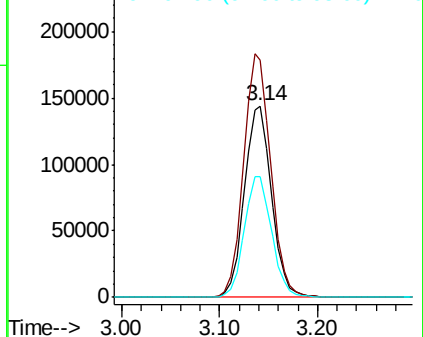
96 100

61 123.8 104.3 156.5

98 62.9 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 129.724 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion: 45 Resp: 782859

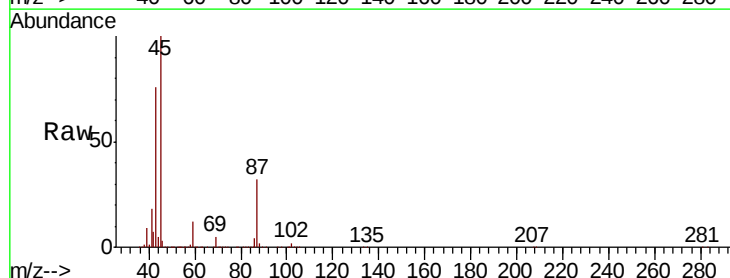
Ion Ratio Lower Upper

45 100

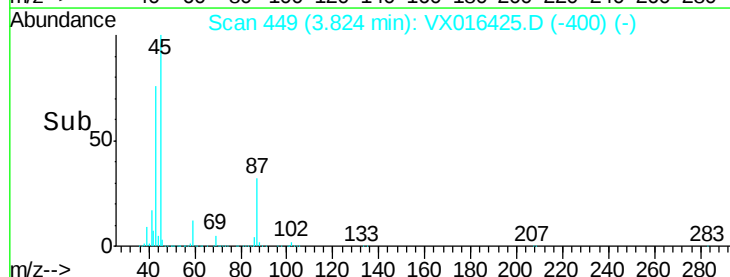
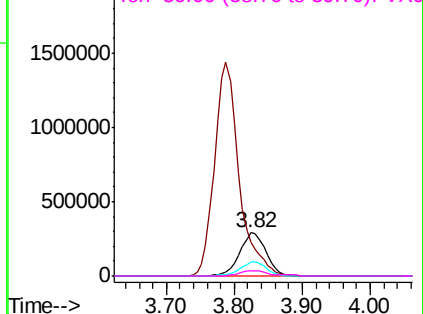
43 76.2 61.4 92.2

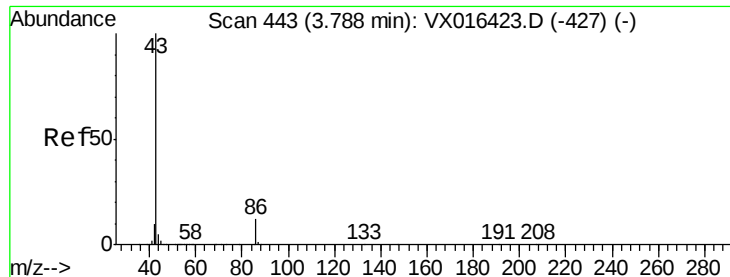
87 32.1 24.4 36.6

59 12.4 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 681.187 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

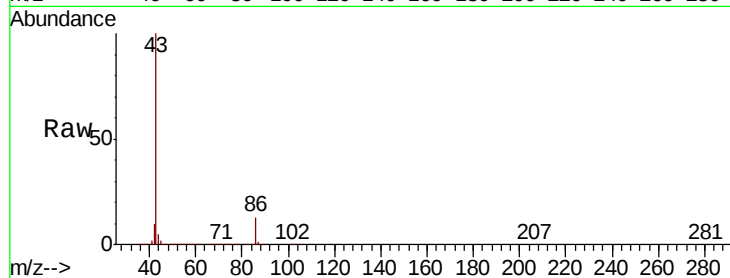
VSTDIC150

Tot Ion: 43 Resp: 3609998

Ion Ratio Lower Upper

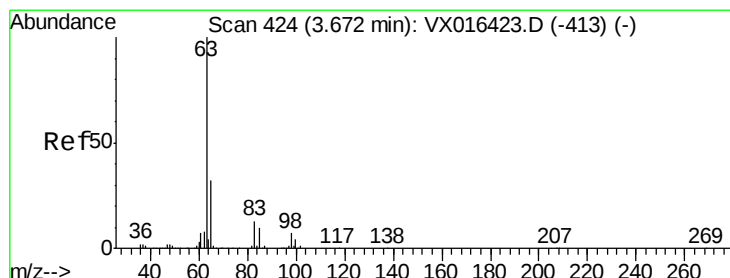
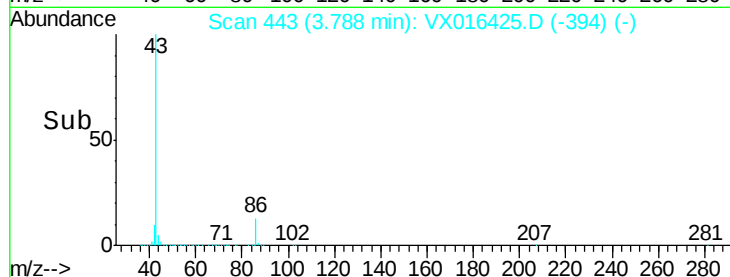
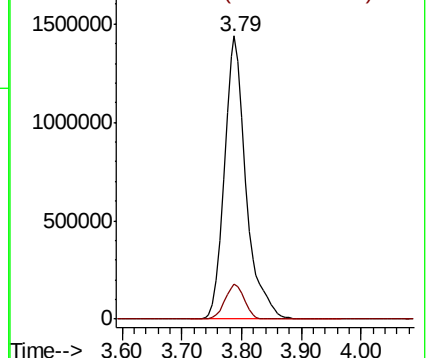
43 100

86 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 135.057 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

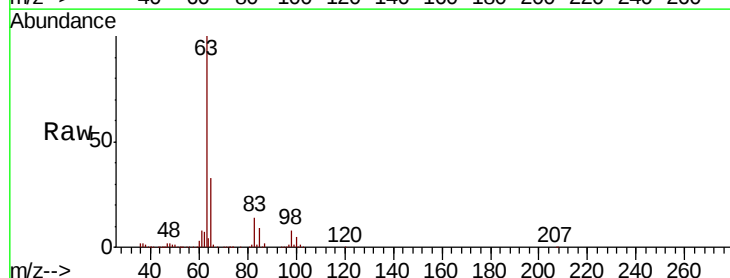
Tgt Ion: 63 Resp: 458966

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

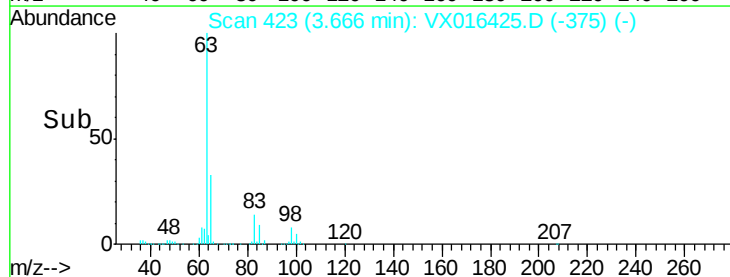
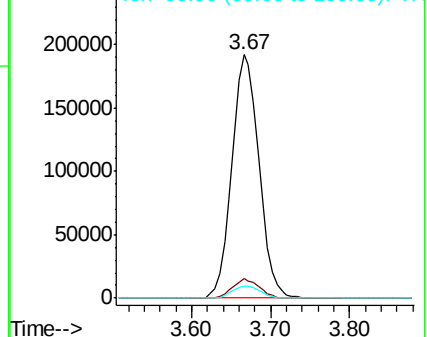
100 4.8 2.1 6.5

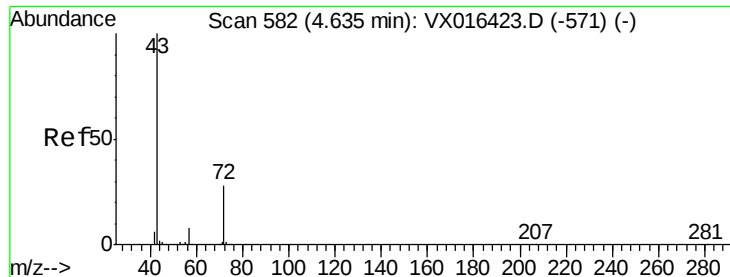


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

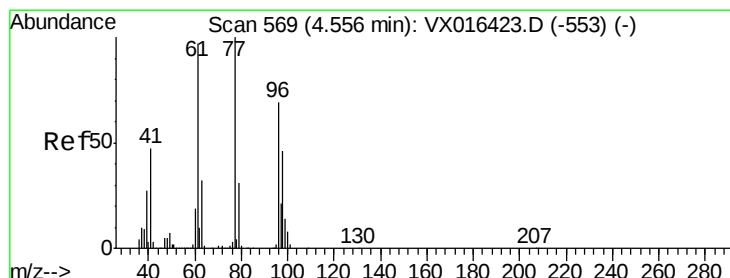
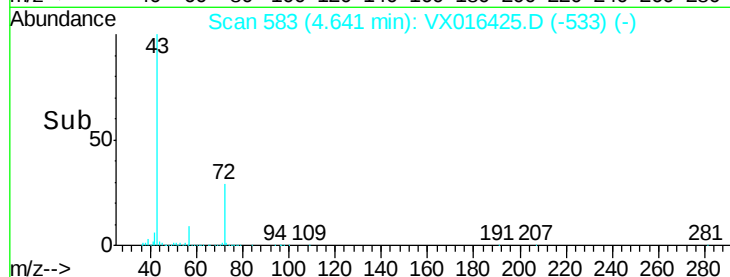
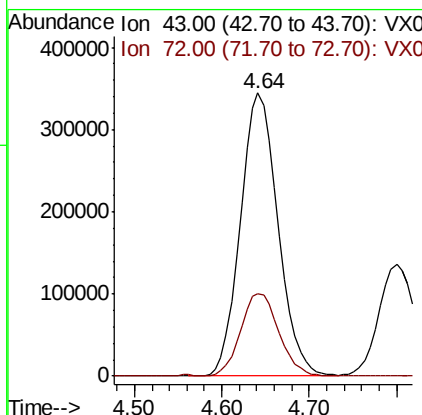
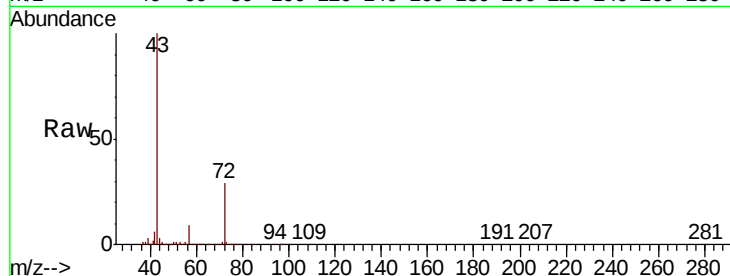




#25
2-Butanone
Concen: 648.897 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

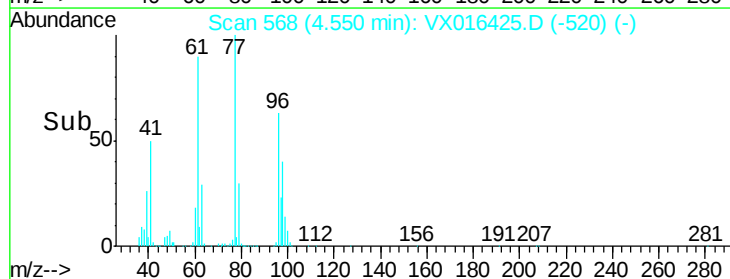
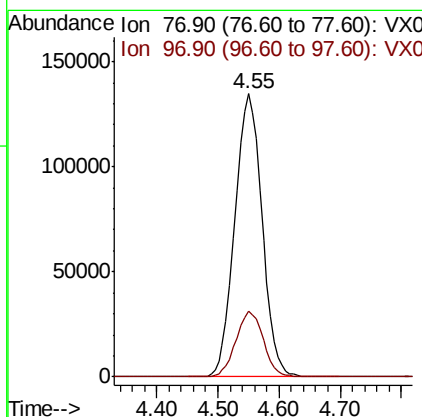
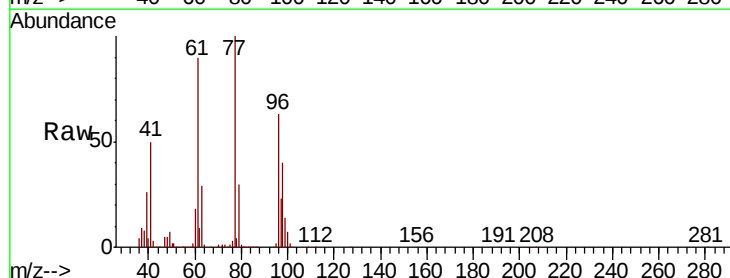
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

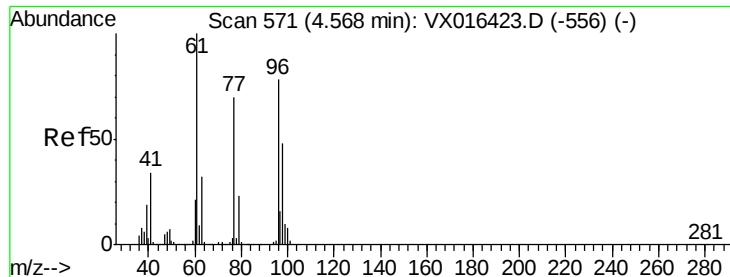
Tot Ion: 43 Resp: 1025520
Ion Ratio Lower Upper
43 100
72 29.2 22.7 34.1



#26
2,2-Dichloropropane
Concen: 133.144 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 77 Resp: 414230
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5



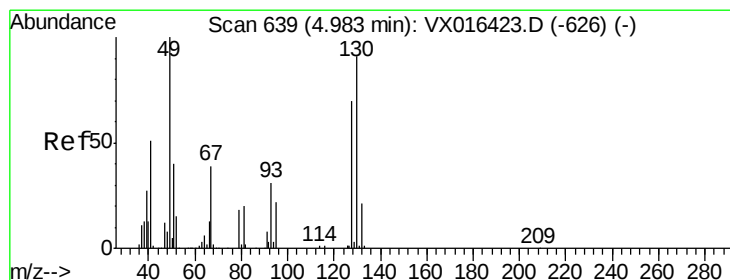
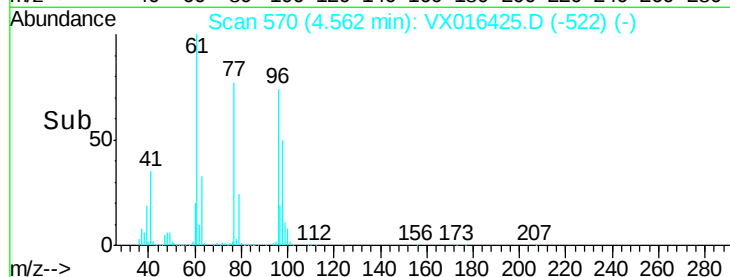
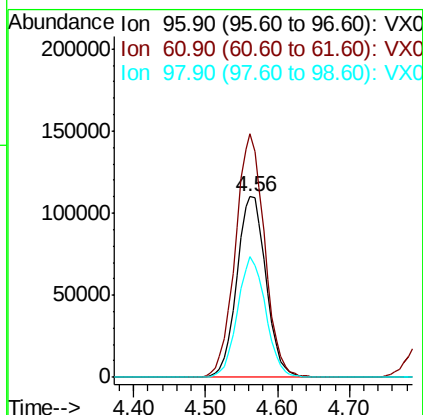
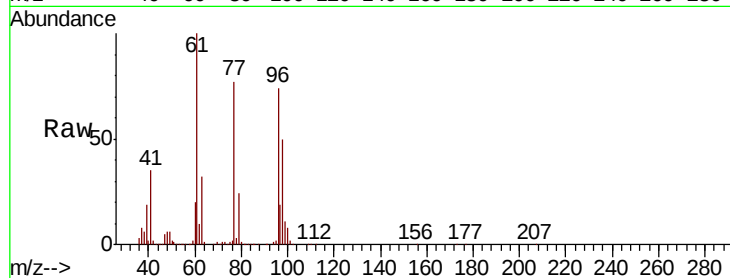


#27

cis-1,2-Dichloroethene
Concen: 143.116 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

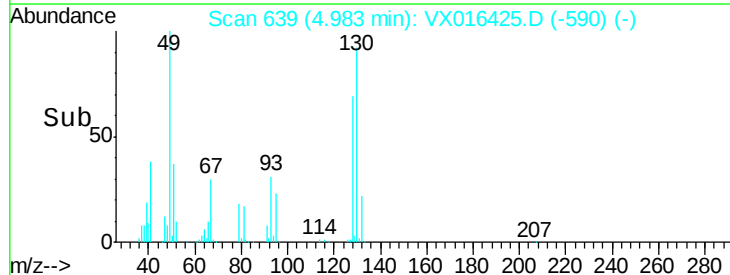
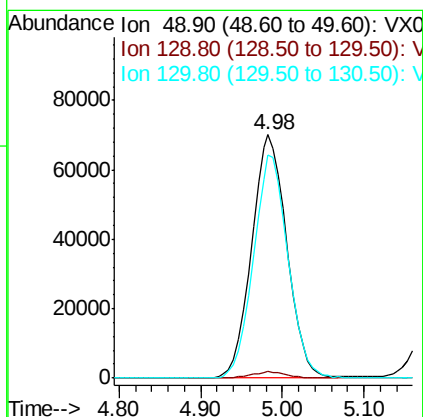
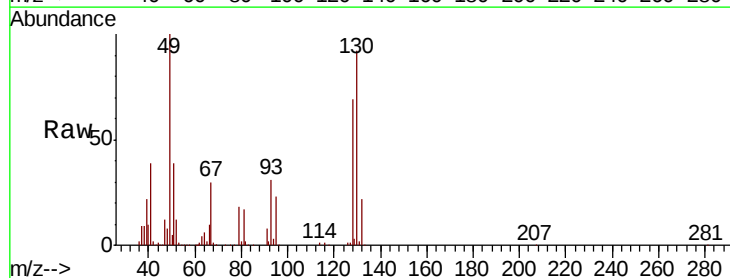
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	271.0
98	64.5	0.0	127.6

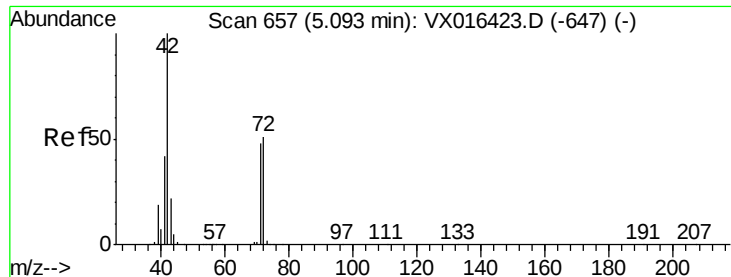


#28

Bromochloromethane
Concen: 134.965 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	90.3	71.2	106.8





#29

Tetrahydrofuran

Concen: 641.091 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

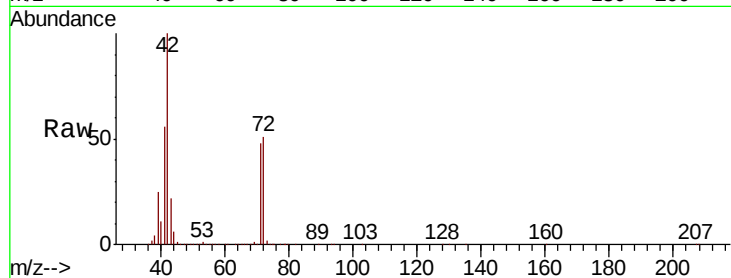
Tot Ion: 42 Resp: 670428

Ion Ratio Lower Upper

42 100

72 50.8 40.2 60.4

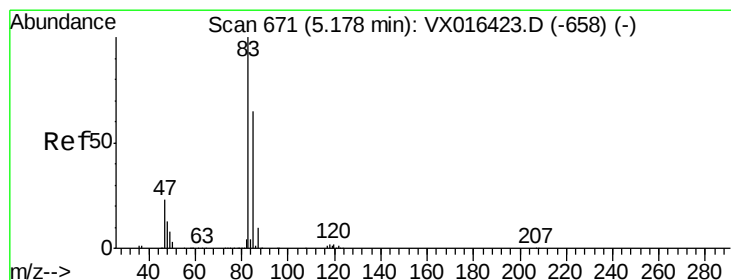
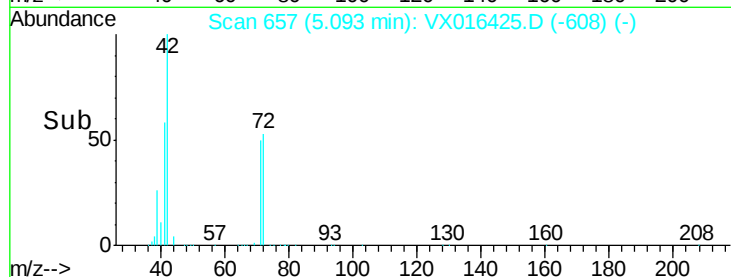
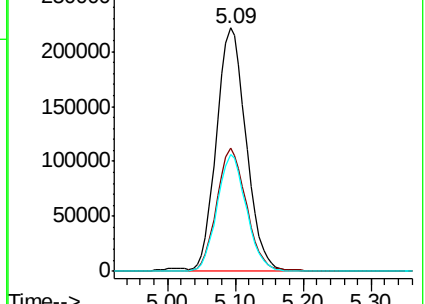
71 47.3 37.7 56.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 141.305 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016425.D

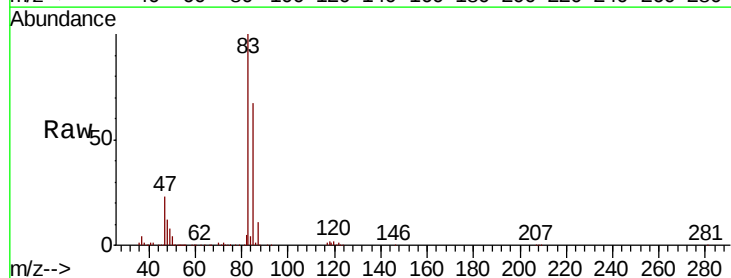
Acq: 26 May 2020 14:24

Tgt Ion: 83 Resp: 482796

Ion Ratio Lower Upper

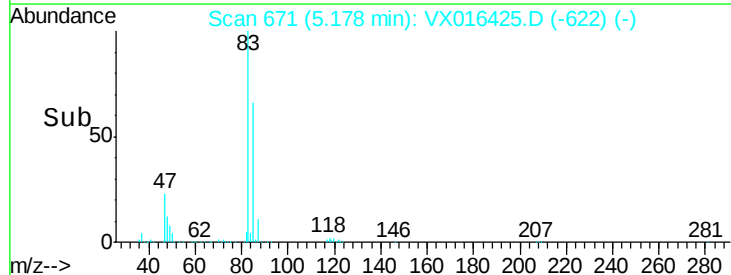
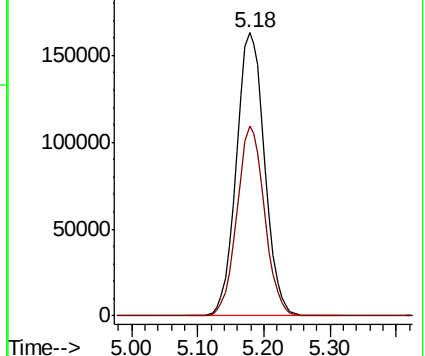
83 100

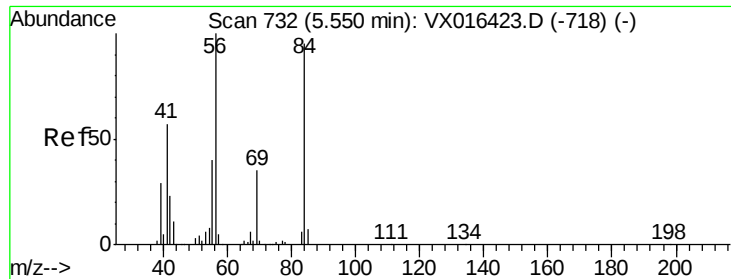
85 67.2 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

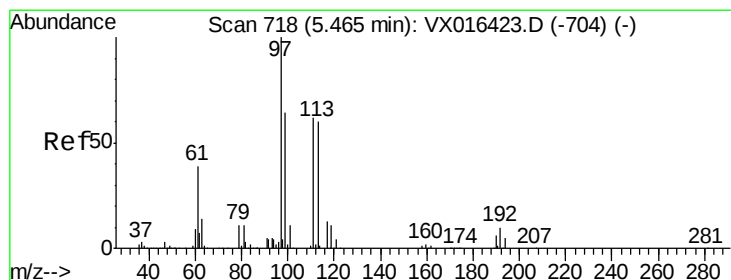
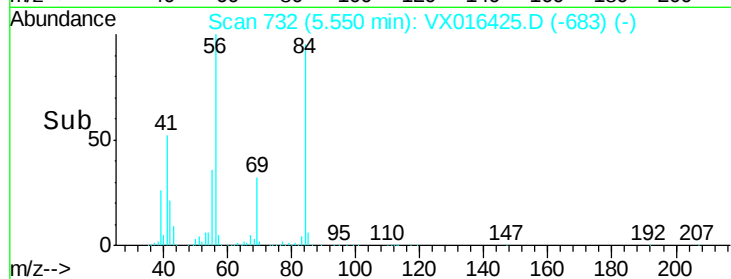
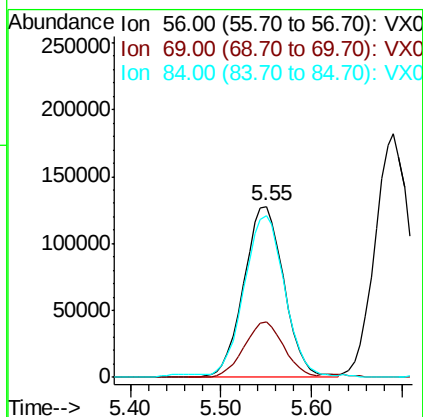
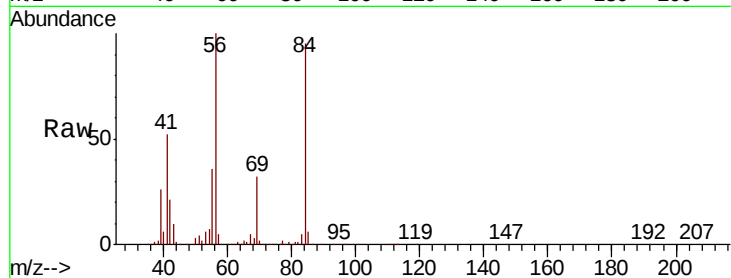




#31
Cyclohexane
Concen: 129.018 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

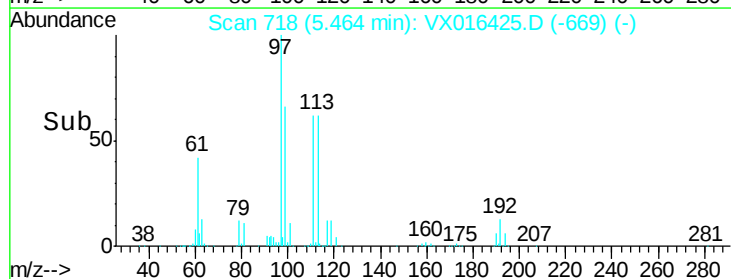
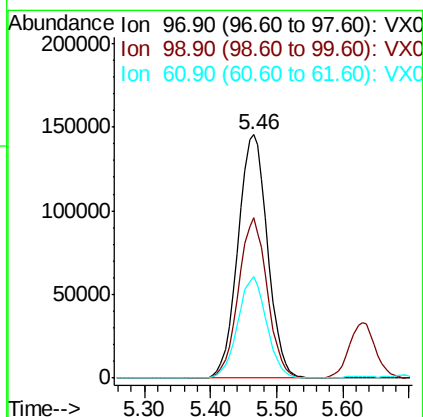
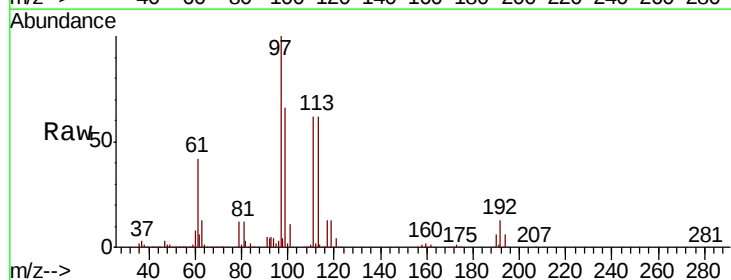
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

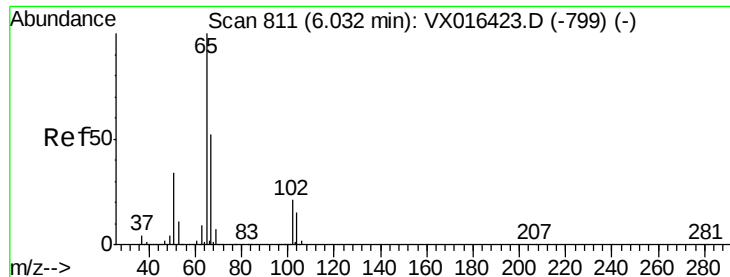
Tot Ion: 56 Resp: 391669
Ion Ratio Lower Upper
56 100
69 32.3 27.7 41.5
84 93.4 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 144.733 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 97 Resp: 450910
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 40.5 33.1 49.7





#33

1,2-Dichloroethane-d4

Concen: 135.229 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

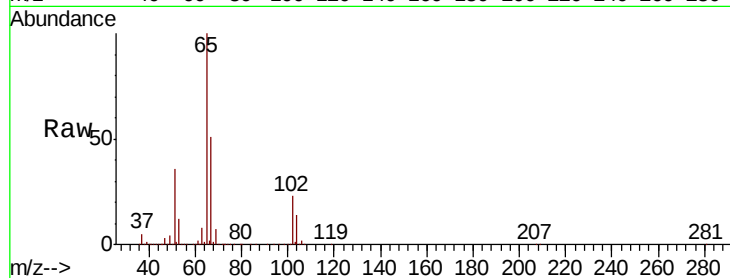
VSTDIC150

Tot Ion: 65 Resp: 305435

Ion Ratio Lower Upper

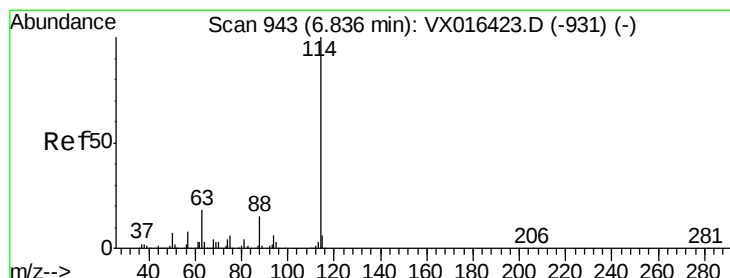
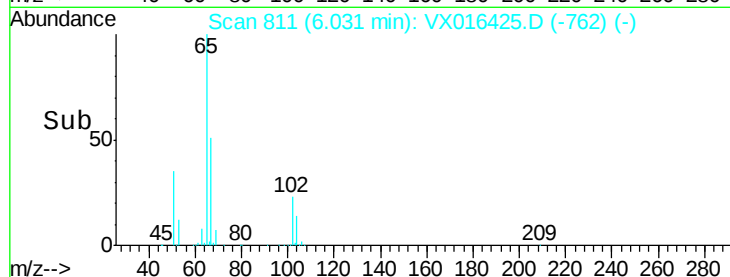
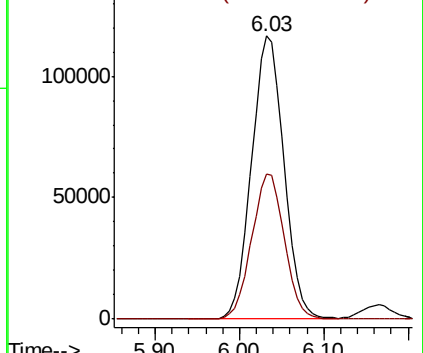
65 100

67 51.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

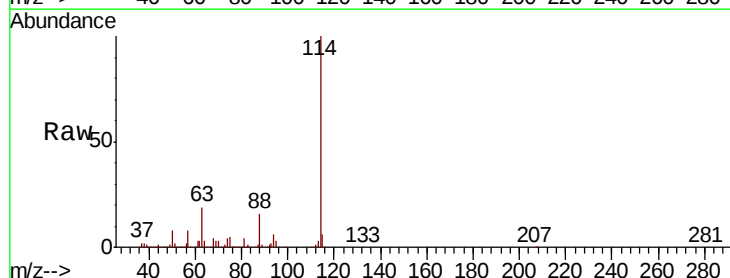
Tgt Ion: 114 Resp: 270005

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

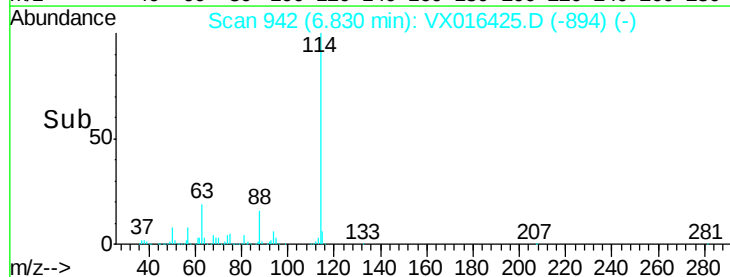
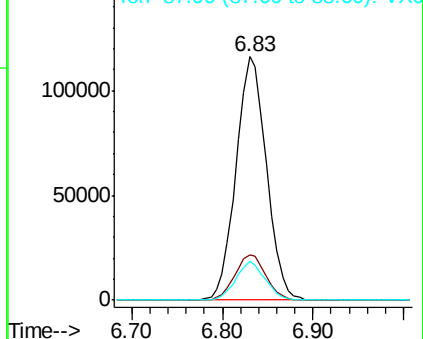
88 15.7 0.0 29.2

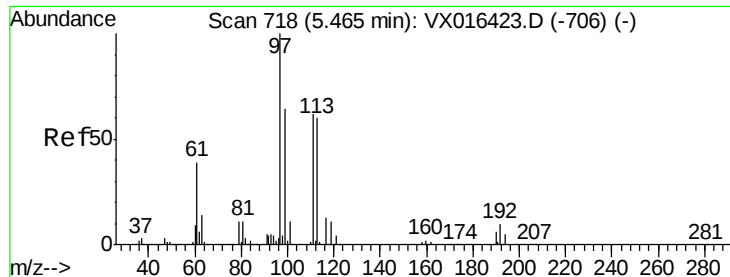


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

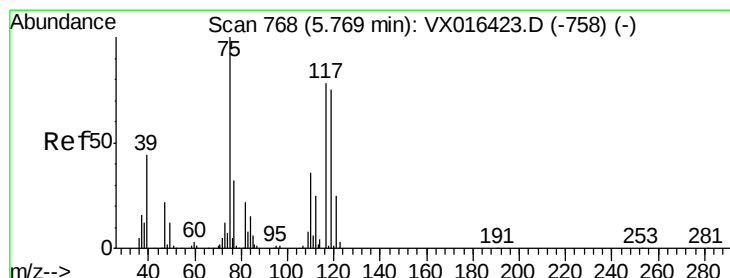
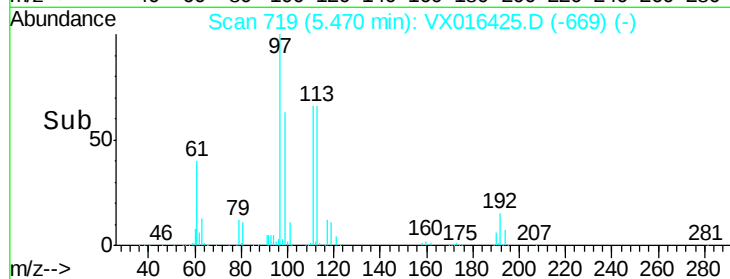
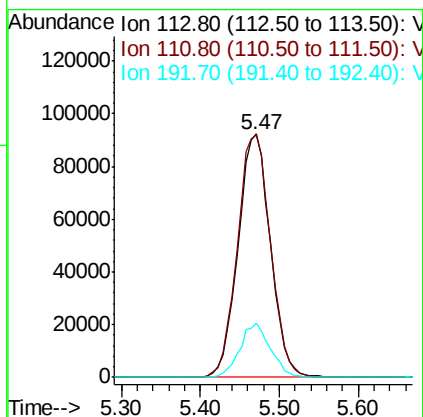
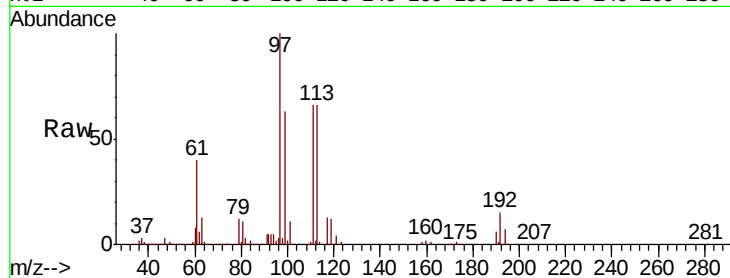




#35
Dibromofluoromethane
Concen: 152.061 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

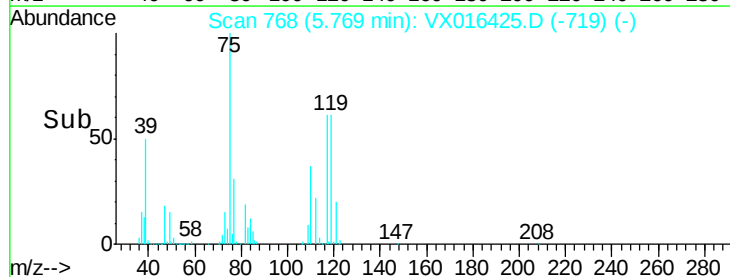
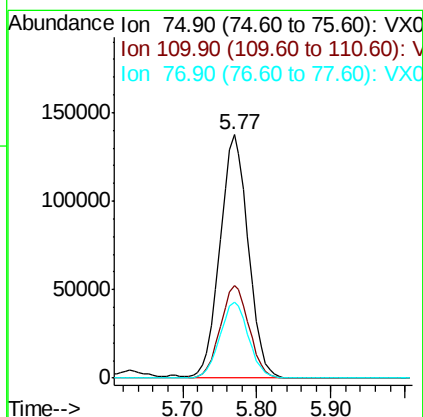
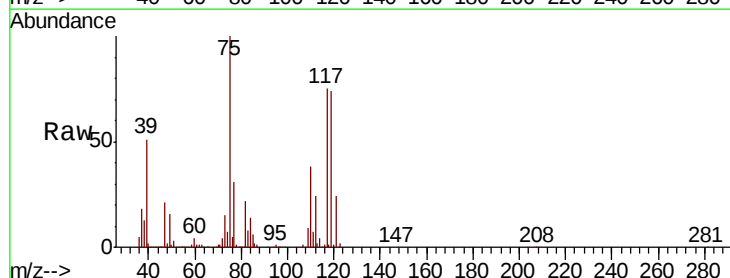
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

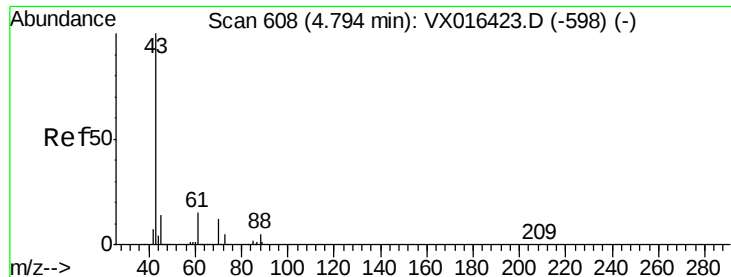
Tot Ion:113 Resp: 263268
Ion Ratio Lower Upper
113 100
111 102.3 82.5 123.7
192 21.0 16.5 24.7



#36
1,1-Dichloropropene
Concen: 137.045 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 75 Resp: 361982
Ion Ratio Lower Upper
75 100
110 38.7 18.7 56.1
77 31.4 24.9 37.3

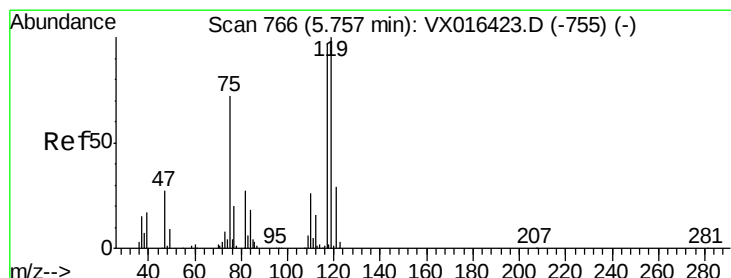
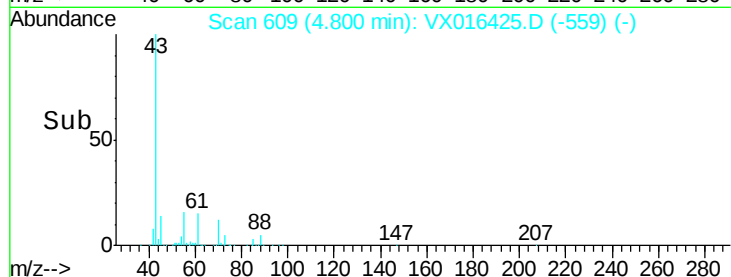
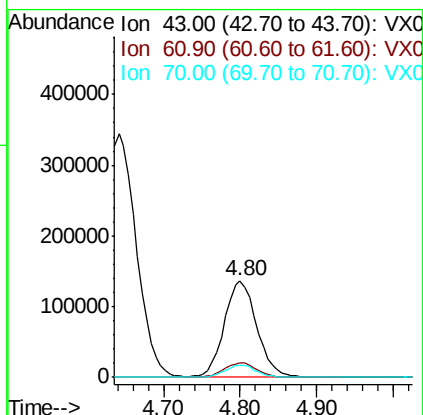
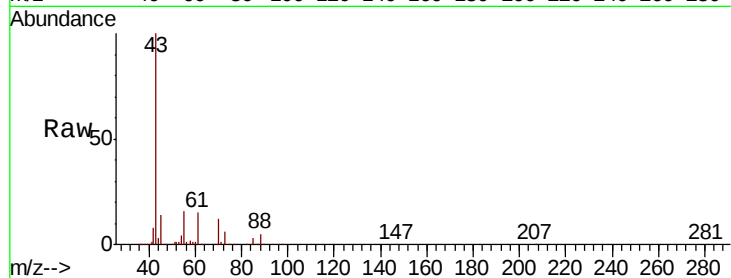




#37
Ethyl Acetate
Concen: 132.330 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

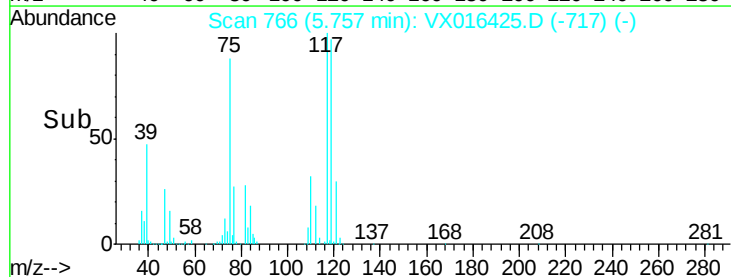
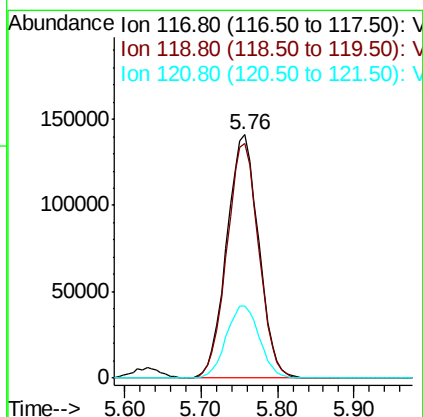
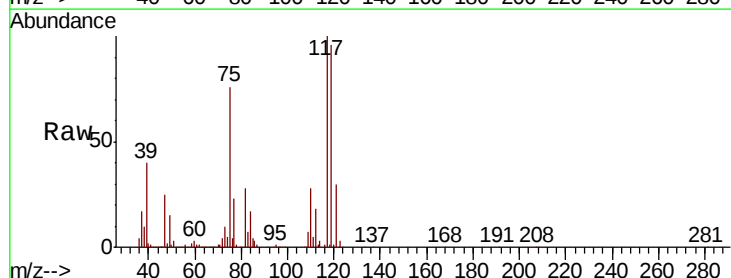
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

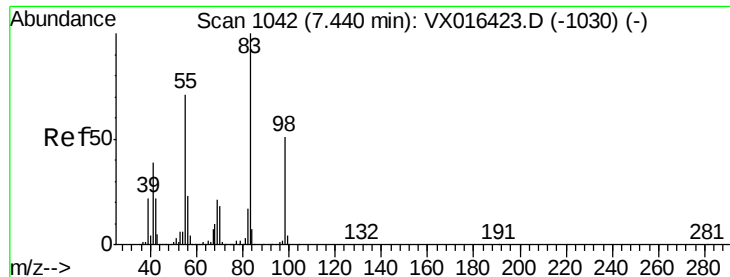
Tot Ion:	43	Resp:	398654
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	12.1	9.6	14.4



#38
Carbon Tetrachloride
Concen: 151.355 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion:	117	Resp:	408106
Ion	Ratio	Lower	Upper
117	100		
119	96.2	82.2	123.4
121	29.5	24.1	36.1

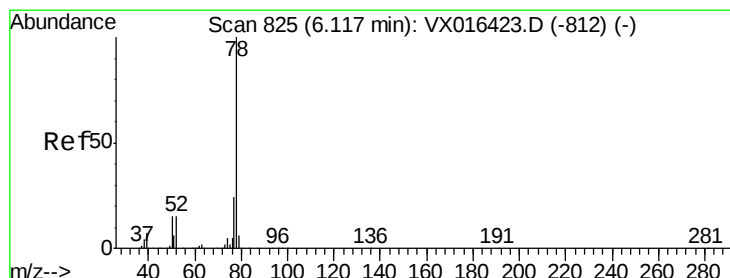
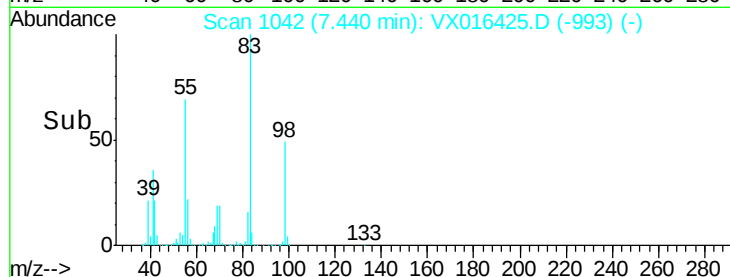
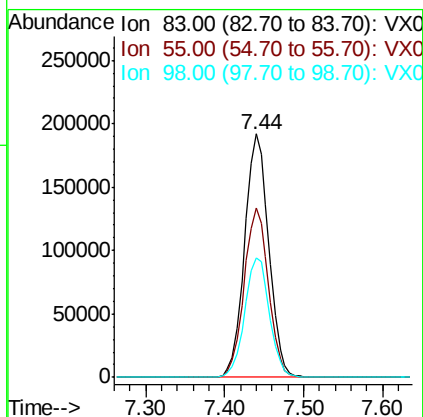
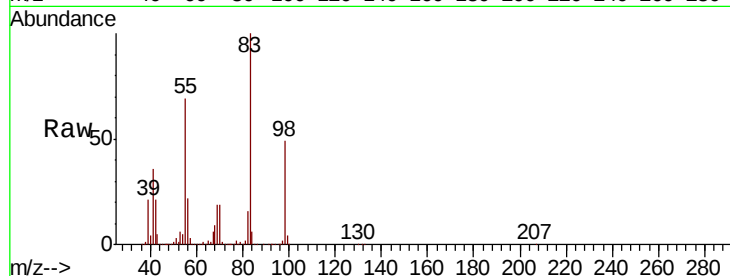




#39
Methvlcvclohexane
Concen: 130.552 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

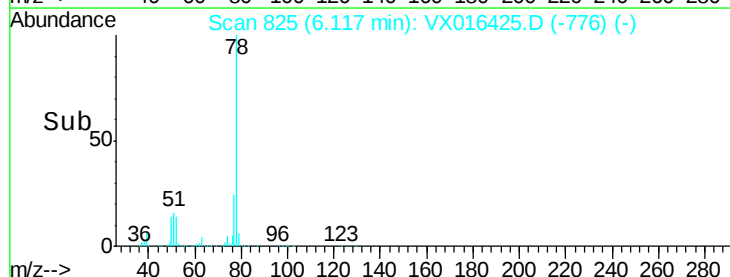
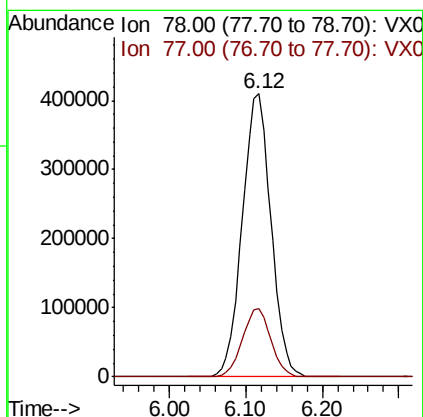
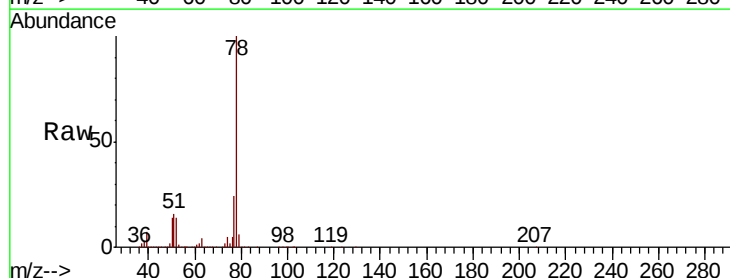
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

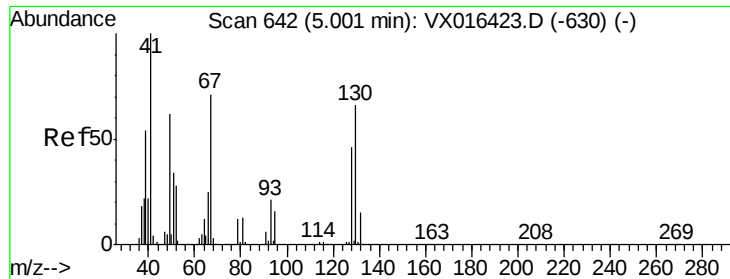
Tot Ion: 83 Resp: 408177
Ion Ratio Lower Upper
83 100
55 69.3 56.8 85.2
98 48.9 40.6 61.0



#40
Benzene
Concen: 138.135 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 78 Resp: 1069118
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

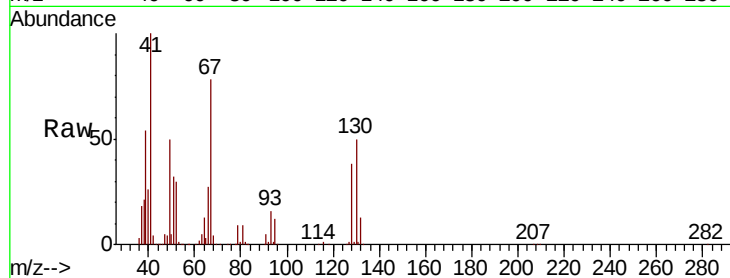




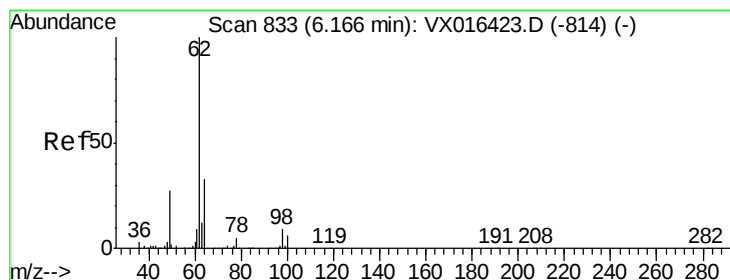
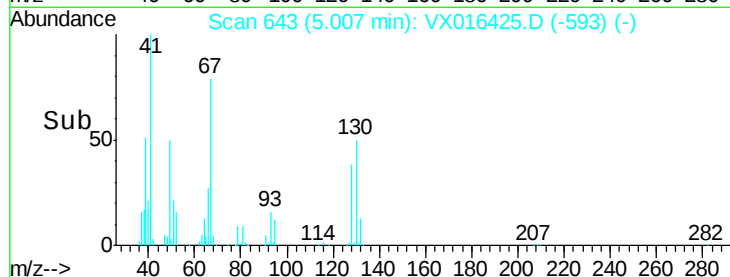
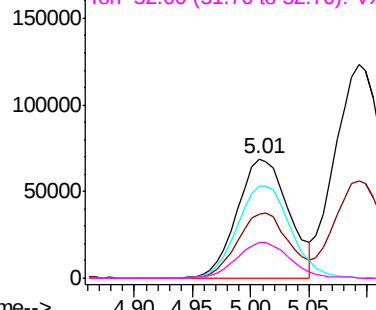
#41
Methacrylonitrile
Concen: 130.311 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	211887
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.4	66.6
67	80.2	62.2	93.4
52	31.2	25.2	37.8

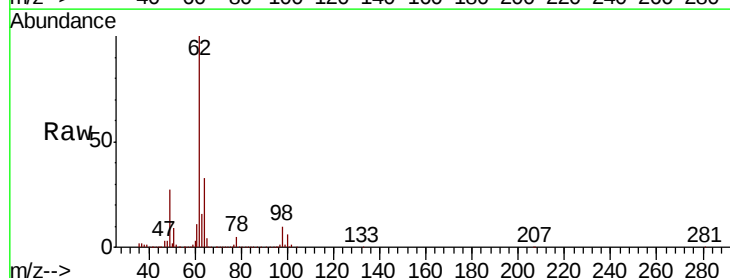


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

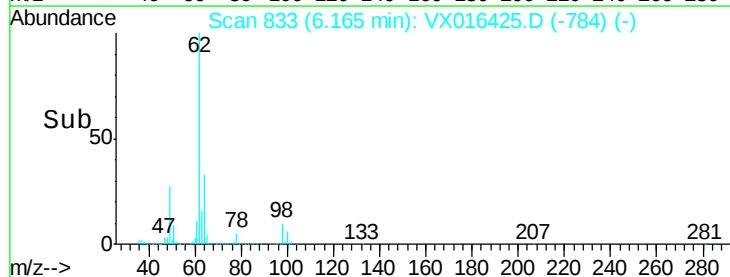
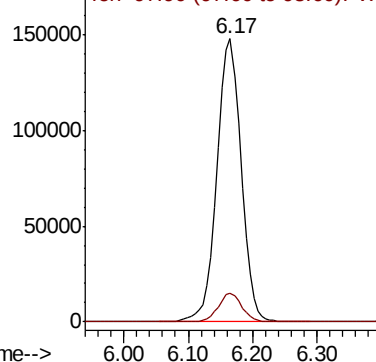


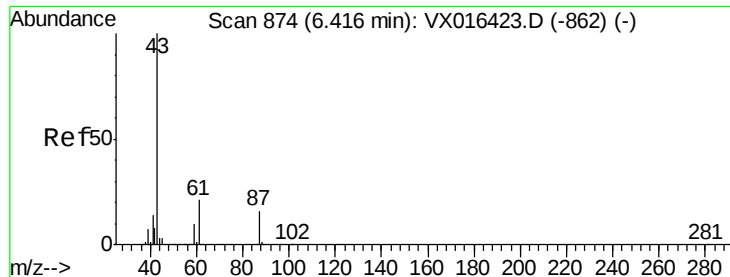
#42
1,2-Dichloroethane
Concen: 136.206 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion:	62	Resp:	379245
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



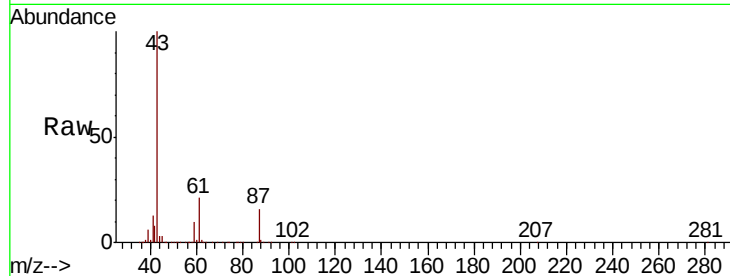


#43

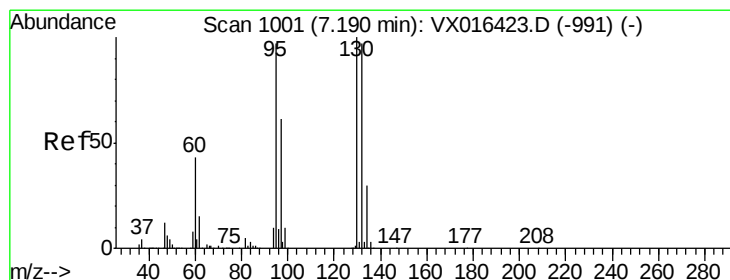
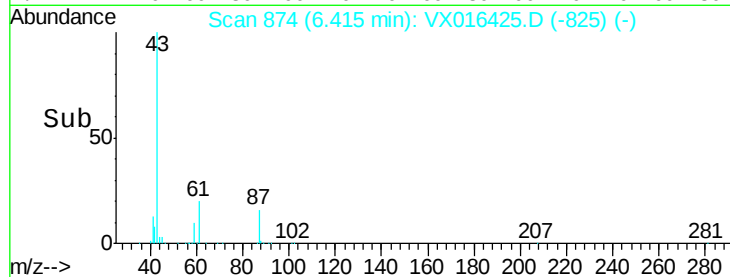
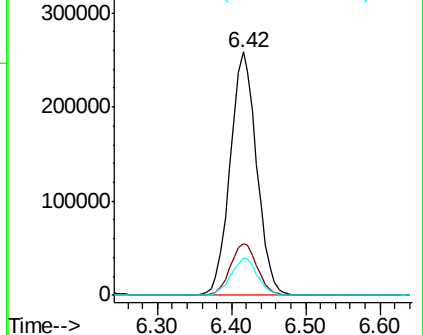
Isopropyl Acetate
 Concen: 132.958 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 641058
 Ion Ratio Lower Upper
 43 100
 61 21.5 17.2 25.8
 87 15.6 12.3 18.5



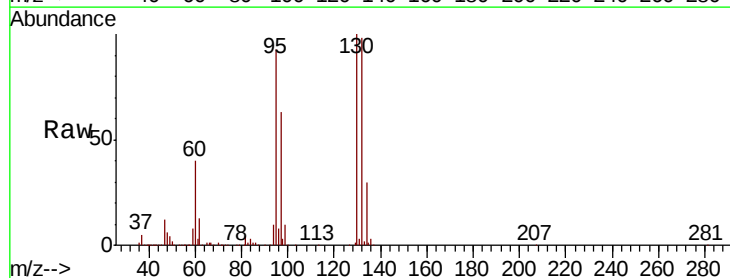
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



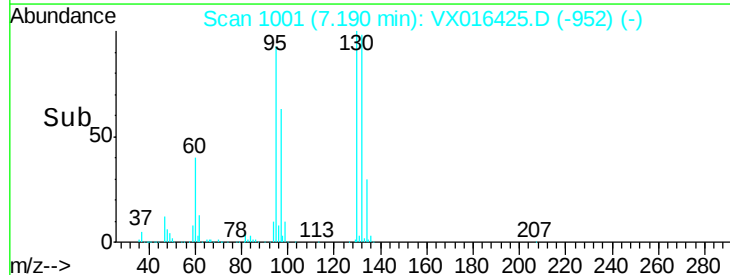
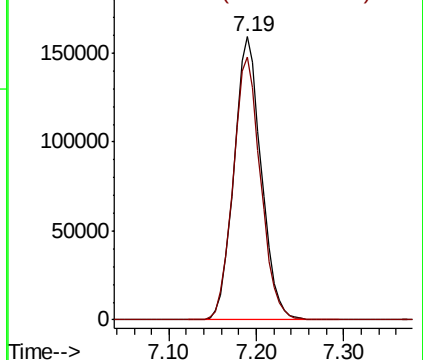
#44

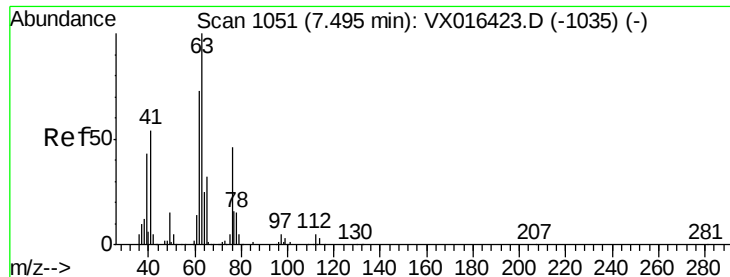
Trichloroethene
 Concen: 126.289 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion: 130 Resp: 345367
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 135.923 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampled :

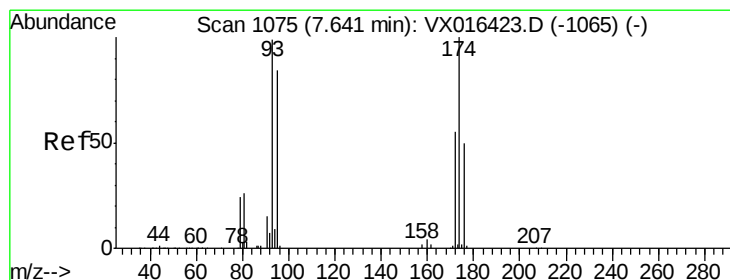
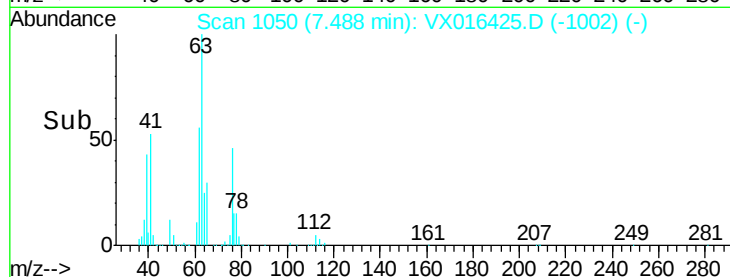
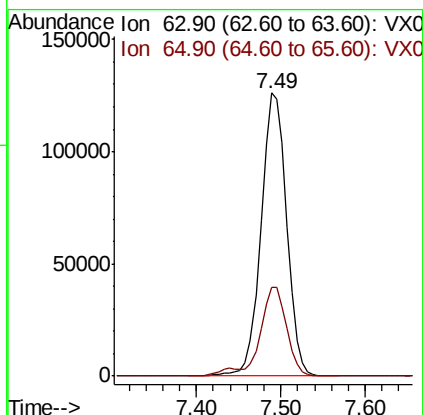
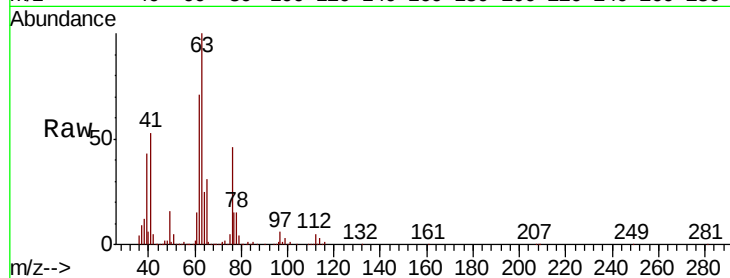
VSTDIC150

Tot Ion: 63 Resp: 264268

Ion Ratio Lower Upper

63 100

65 31.2 25.3 37.9



#46

Dibromomethane

Concen: 146.030 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

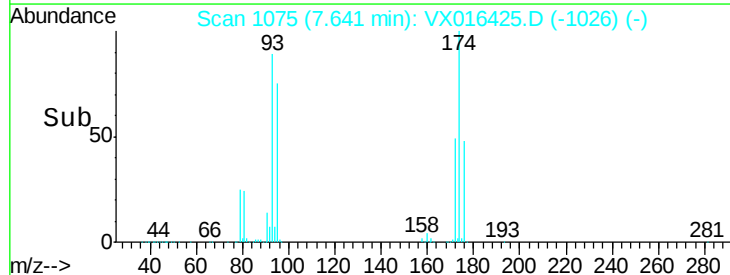
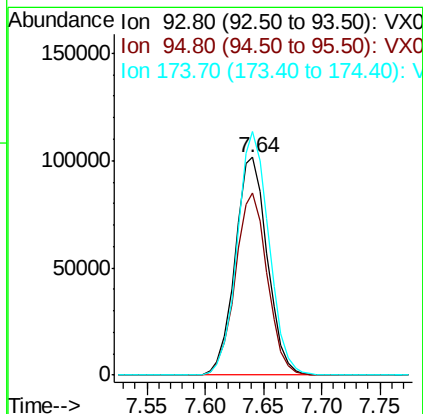
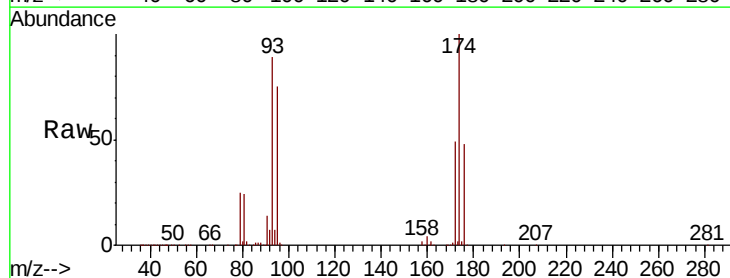
Tgt Ion: 93 Resp: 196269

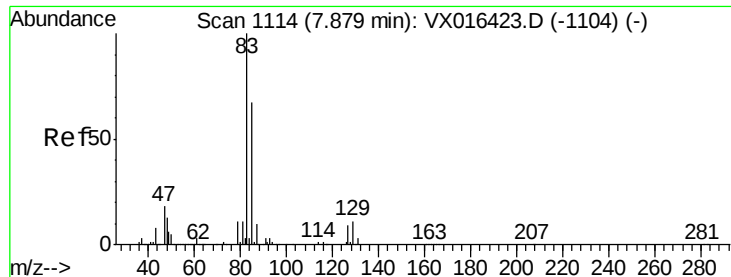
Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.4

174 110.1 81.4 122.0





#47

Bromodichloromethane

Concen: 148.144 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

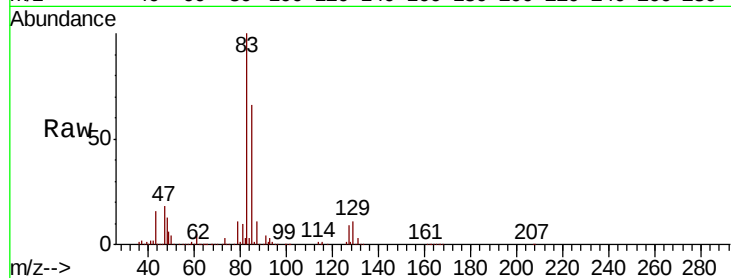
Tot Ion: 83 Resp: 402126

Ion Ratio Lower Upper

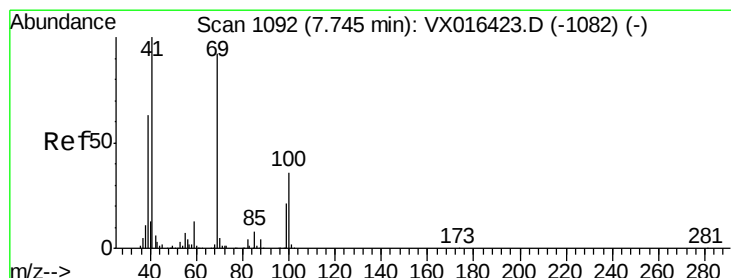
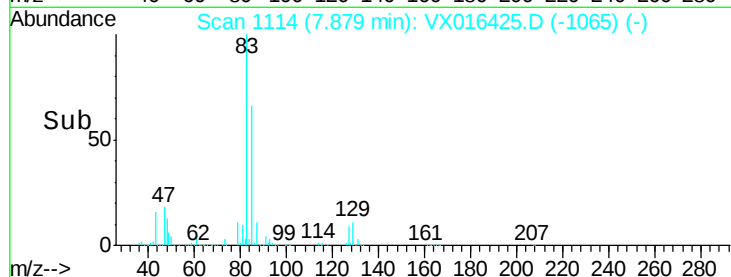
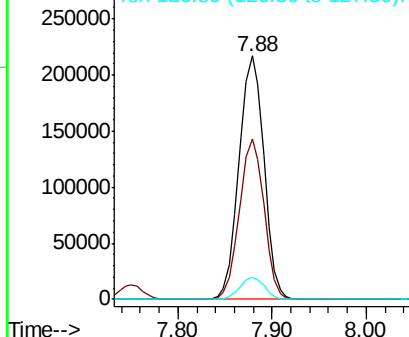
83 100

85 65.9 53.8 80.8

127 9.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 132.790 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

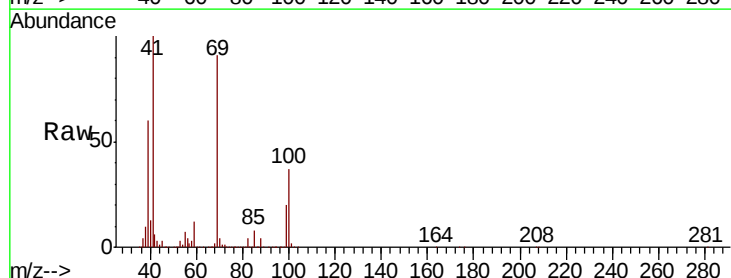
Tgt Ion: 41 Resp: 301660

Ion Ratio Lower Upper

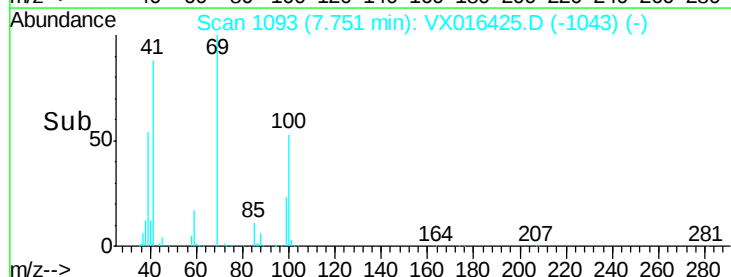
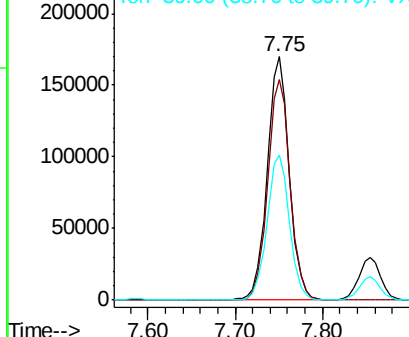
41 100

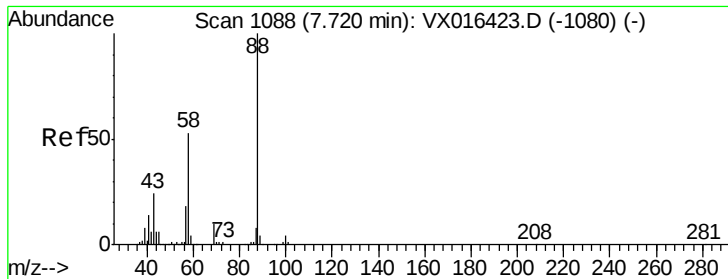
69 91.8 71.8 107.8

39 60.4 48.6 73.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2807.289 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

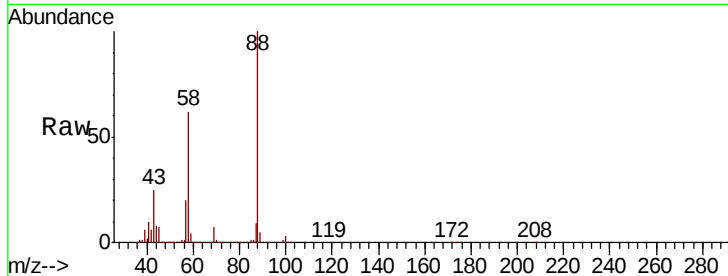
Tot Ion: 88 Resp: 155248

Ion Ratio Lower Upper

88 100

43 28.1 23.0 34.6

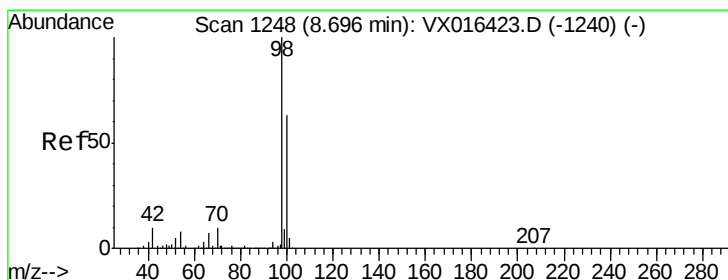
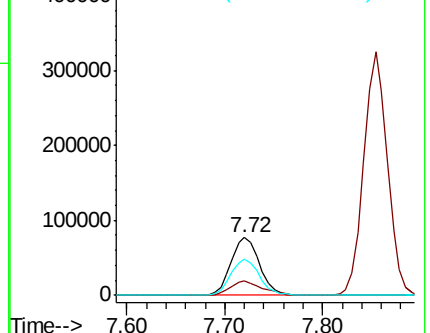
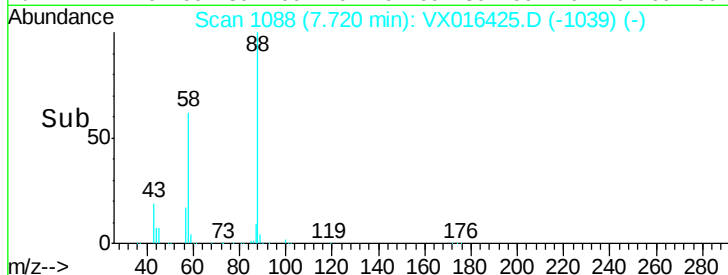
58 63.2 51.7 77.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 146.872 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX016425.D

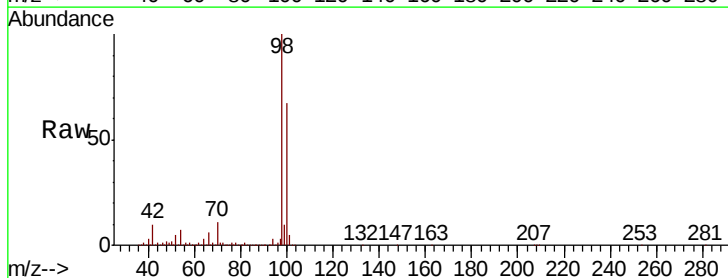
Acq: 26 May 2020 14:24

Tgt Ion: 98 Resp: 977769

Ion Ratio Lower Upper

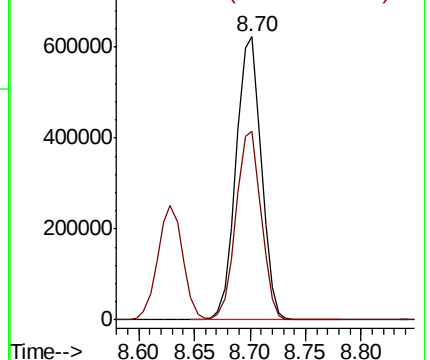
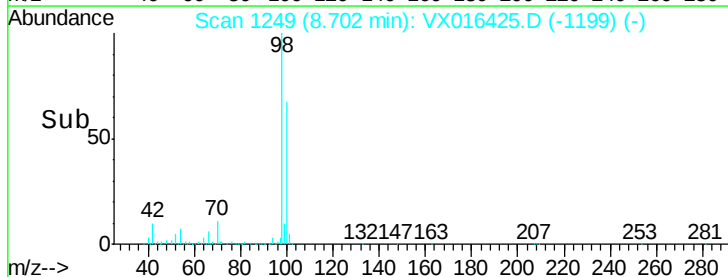
98 100

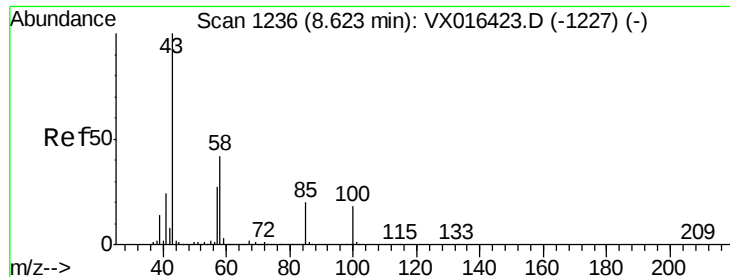
100 66.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 699.601 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

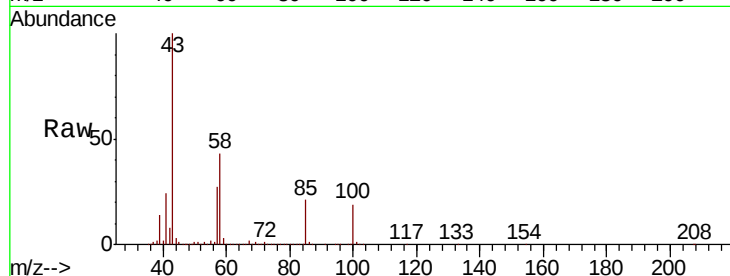
VSTDIC150

Tot Ion: 43 Resp: 2066442

Ion Ratio Lower Upper

43 100

58 42.8 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

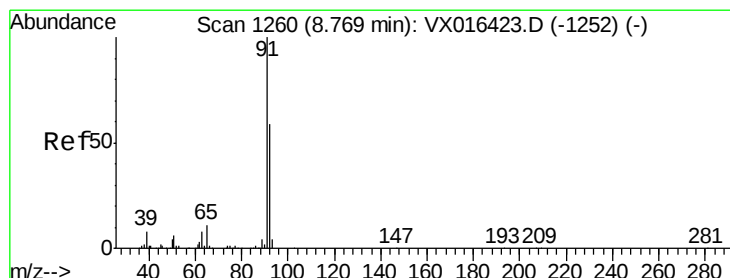
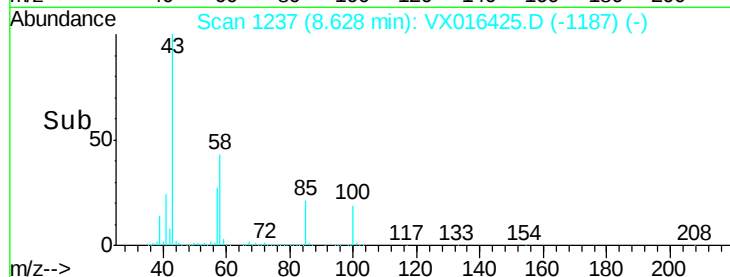
1000000

500000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 145.102 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016425.D

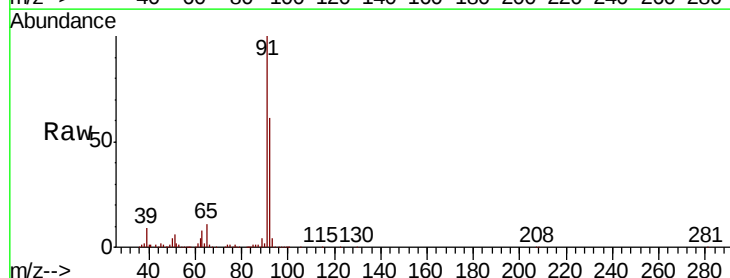
Acq: 26 May 2020 14:24

Tgt Ion: 92 Resp: 703055

Ion Ratio Lower Upper

92 100

91 168.7 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

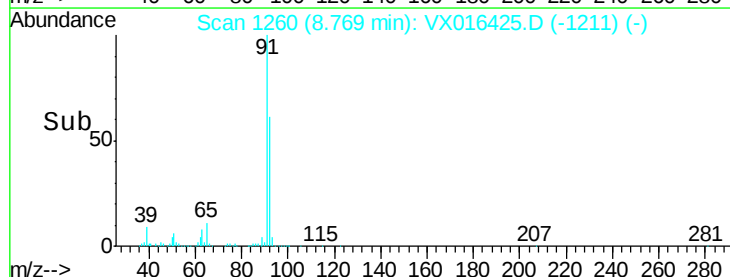
400000

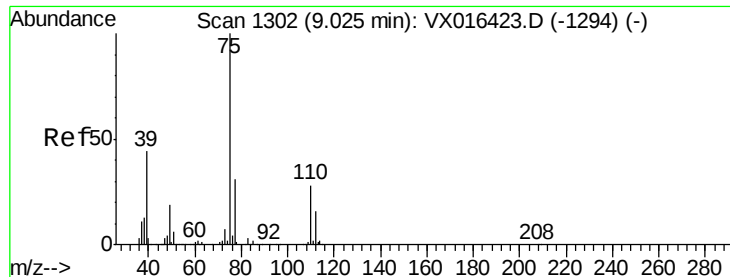
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 142.714 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

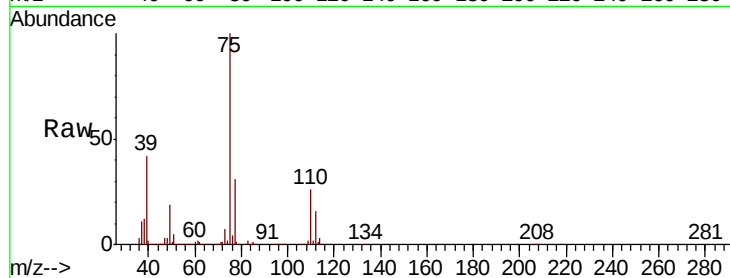
VSTDIC150

Tot Ion: 75 Resp: 460432

Ion Ratio Lower Upper

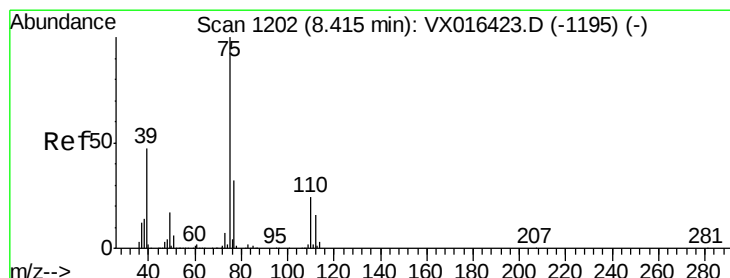
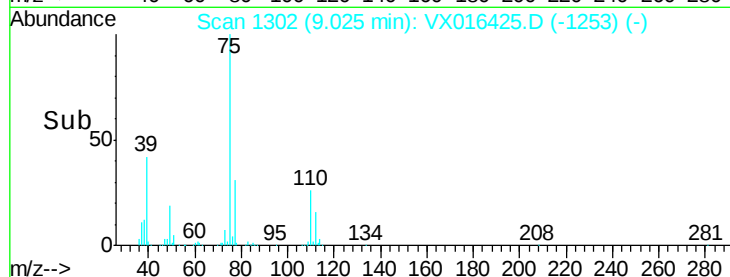
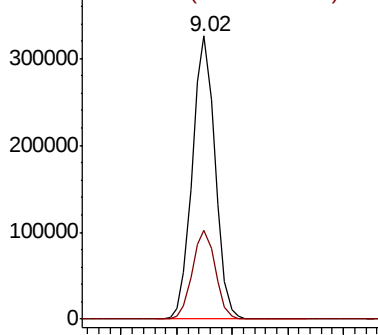
75 100

77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 141.872 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

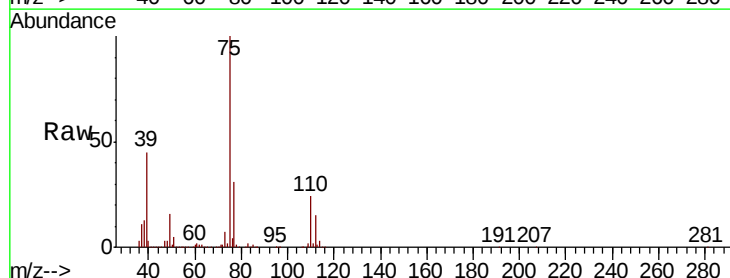
Tgt Ion: 75 Resp: 476071

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

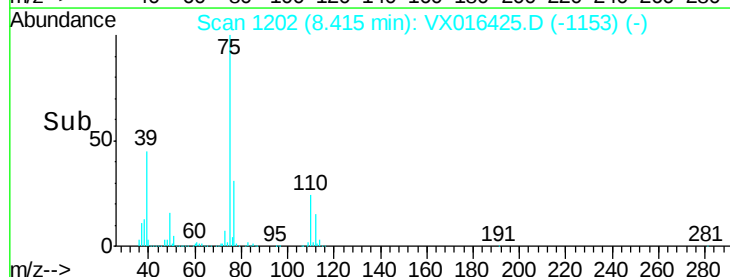
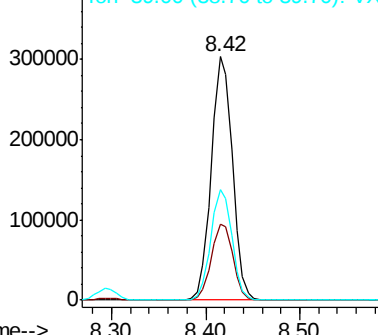
39 45.2 37.7 56.5

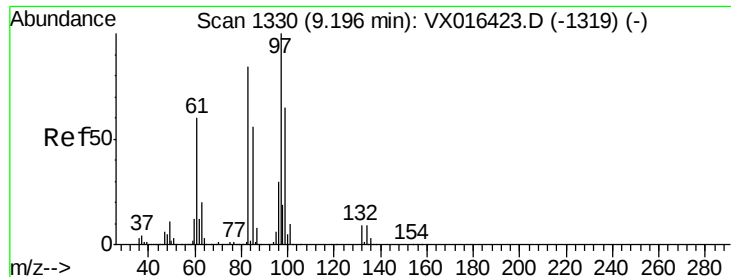


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 152.022 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 291048

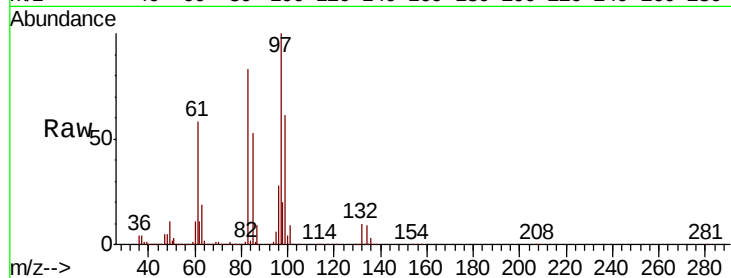
Ion Ratio Lower Upper

97 100

83 83.5 66.9 100.3

85 53.2 45.2 67.8

99 60.8 51.9 77.9



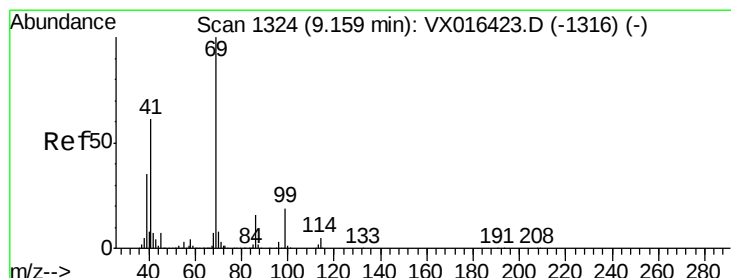
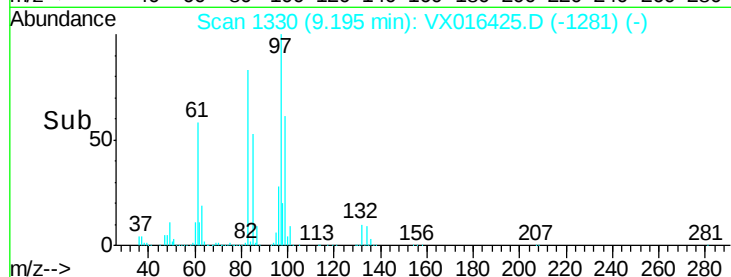
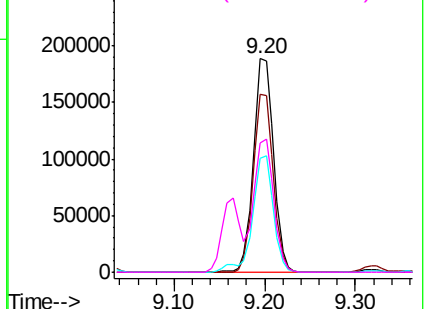
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 148.762 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

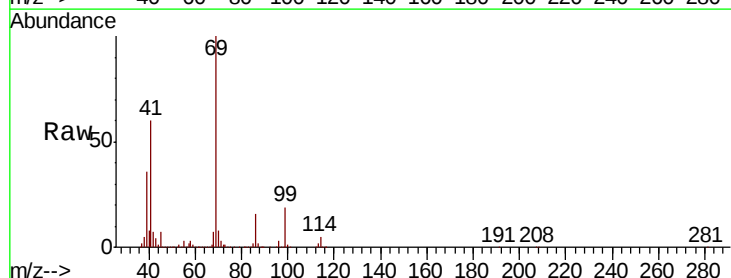
Tgt Ion: 69 Resp: 457687

Ion Ratio Lower Upper

69 100

41 59.9 47.9 71.9

39 35.5 28.7 43.1

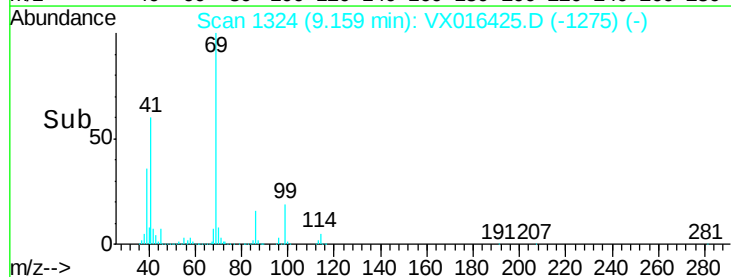
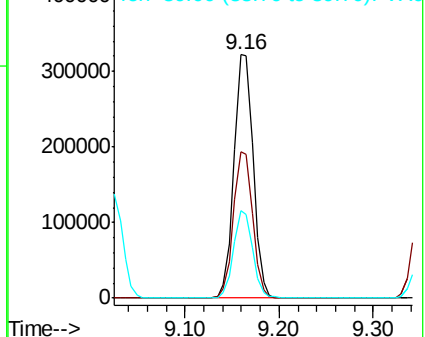


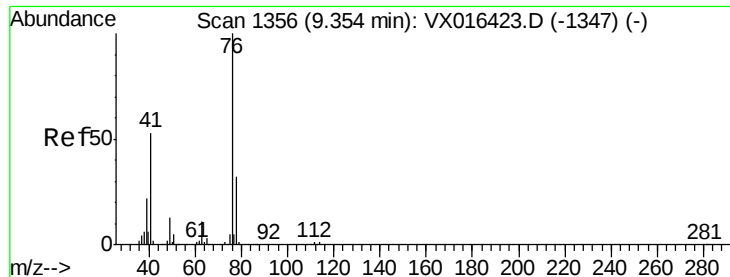
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 139.918 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

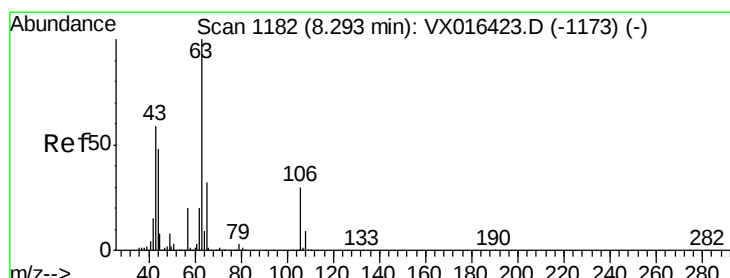
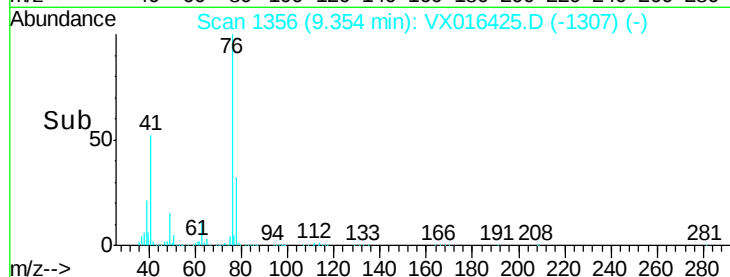
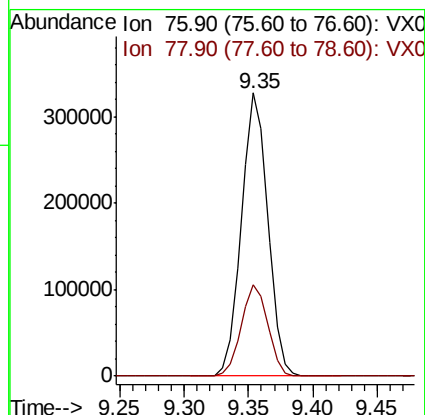
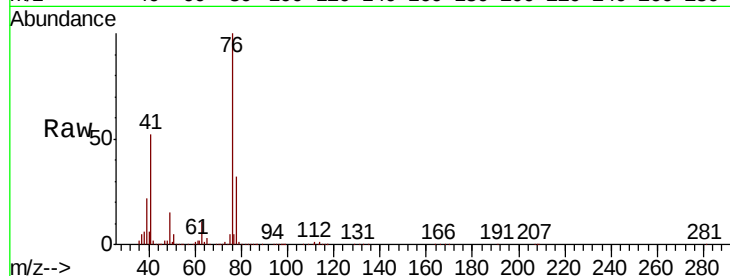
VSTDIC150

Tot Ion: 76 Resp: 463935

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 732.784 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016425.D

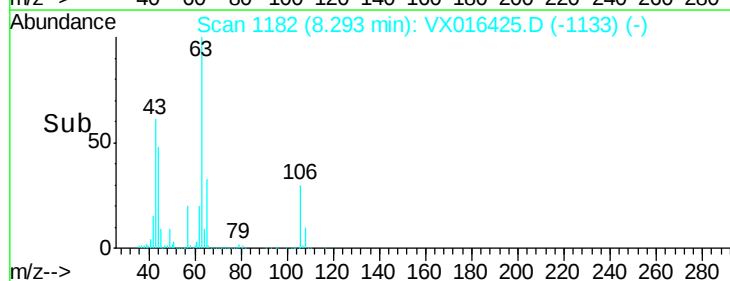
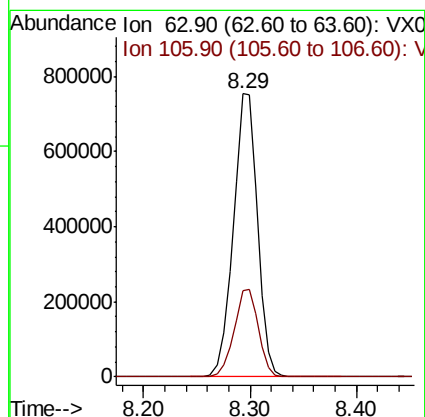
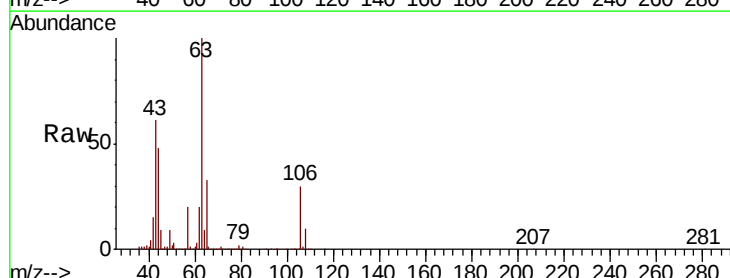
Acq: 26 May 2020 14:24

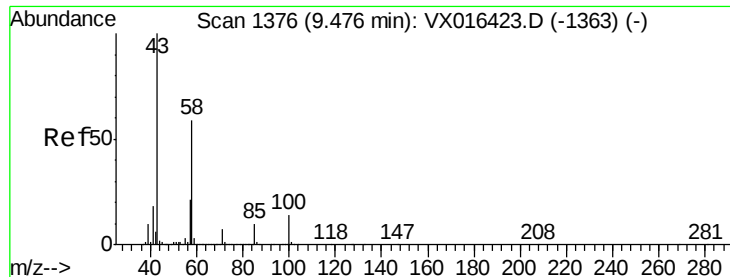
Tgt Ion: 63 Resp: 1197955

Ion Ratio Lower Upper

63 100

106 31.1 24.6 36.8

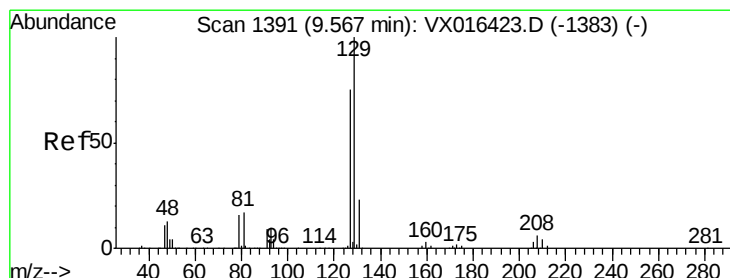
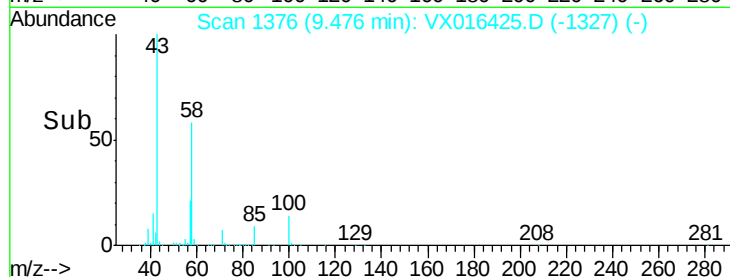
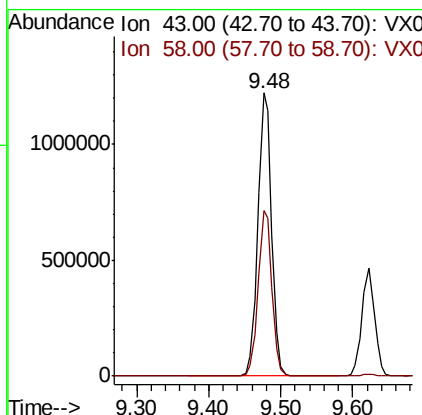
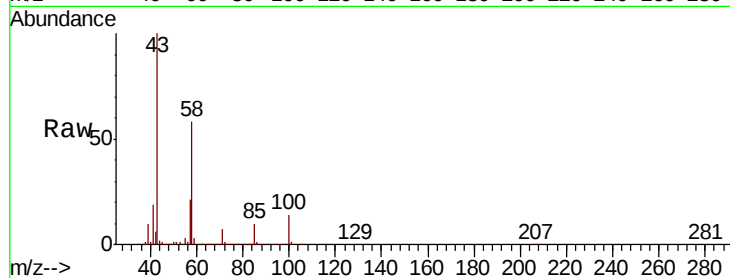




#59
2-Hexanone
Concen: 701.631 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

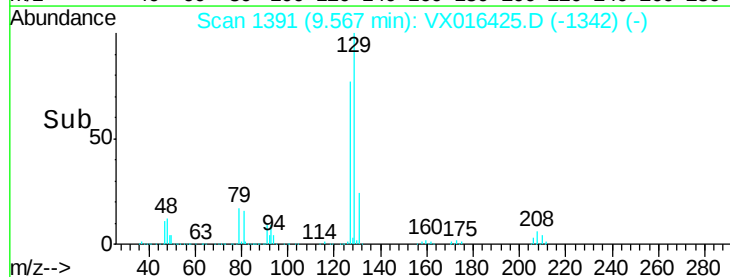
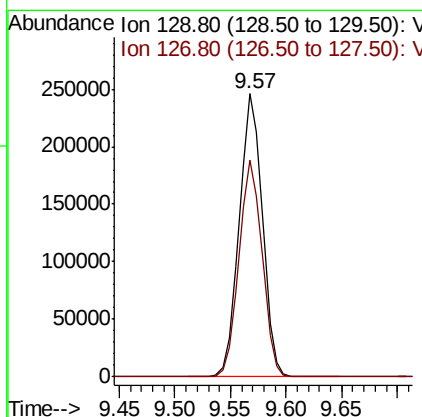
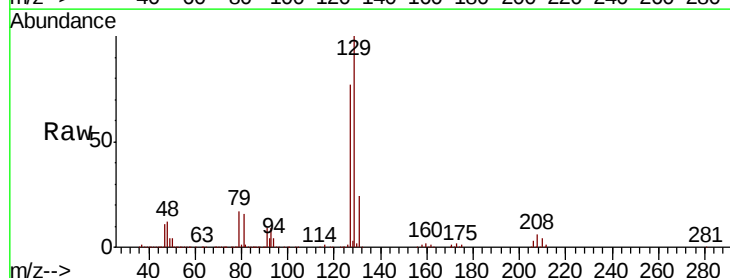
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

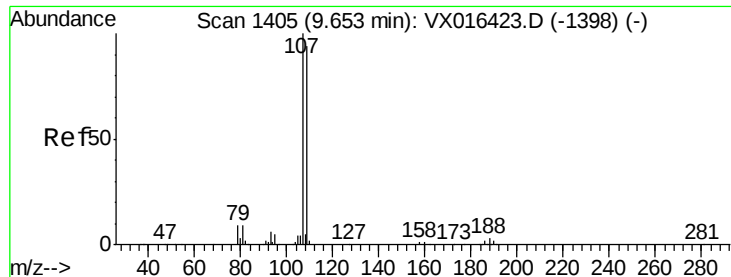
Tot Ion: 43 Resp: 1628964
Ion Ratio Lower Upper
43 100
58 58.8 29.1 87.3



#60
Dibromochloromethane
Concen: 167.358 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 129 Resp: 354911
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 153.276 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

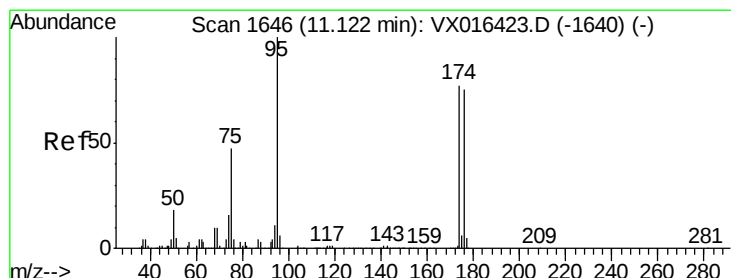
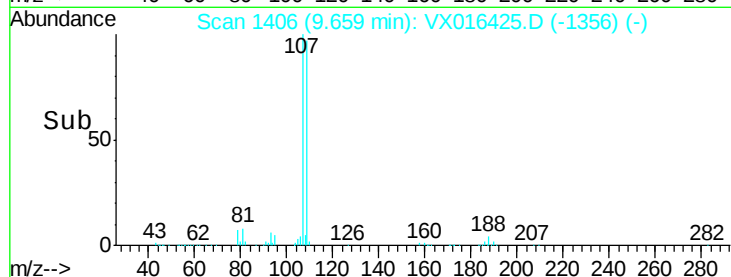
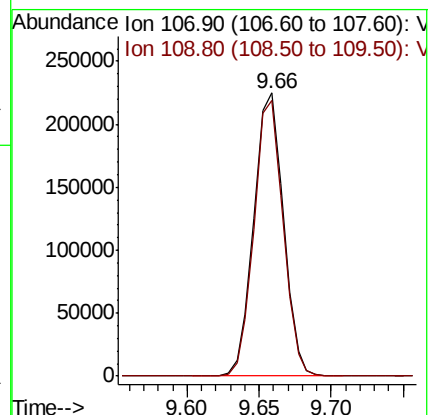
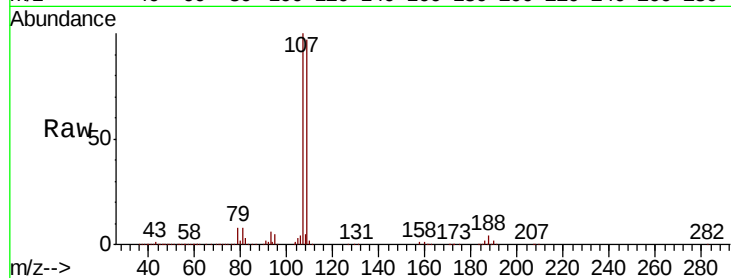
VSTDIC150

Tot Ion: 107 Resp: 318761

Ion Ratio Lower Upper

107 100

109 95.5 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 150.528 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

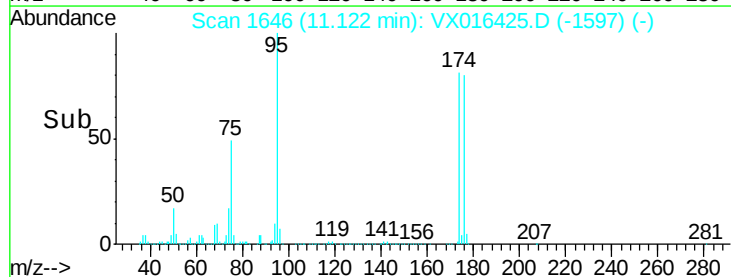
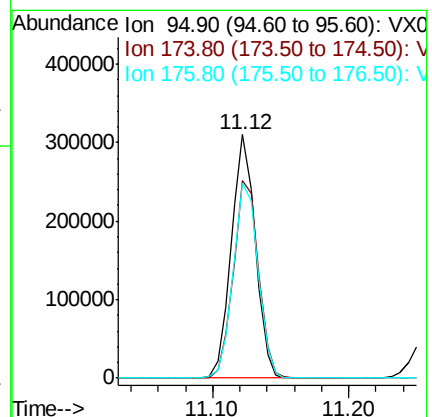
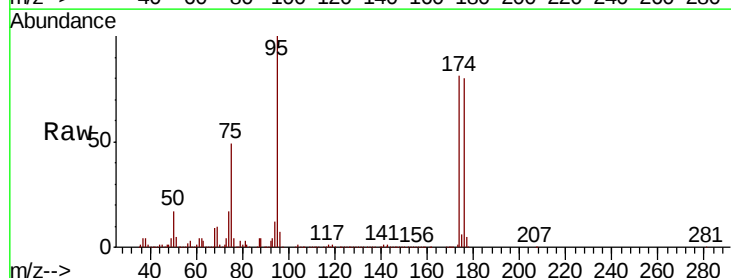
Tgt Ion: 95 Resp: 378866

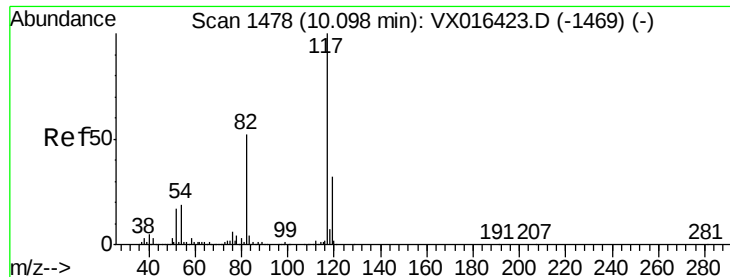
Ion Ratio Lower Upper

95 100

174 85.2 0.0 162.6

176 83.6 0.0 158.2

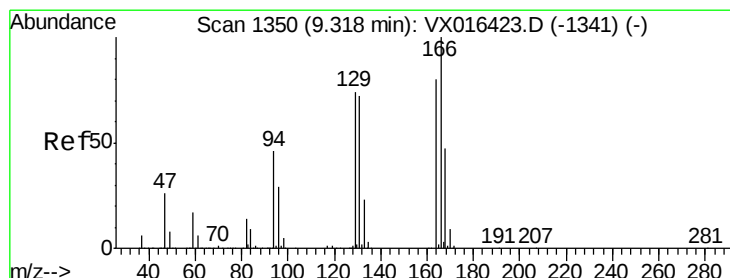
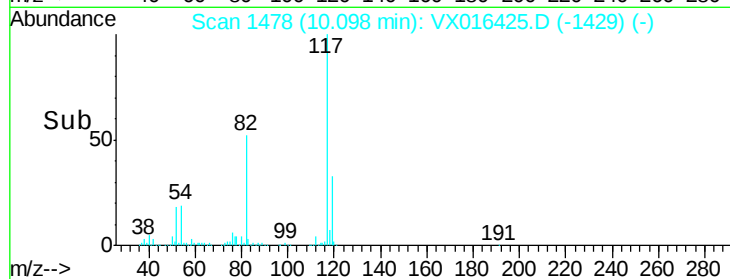
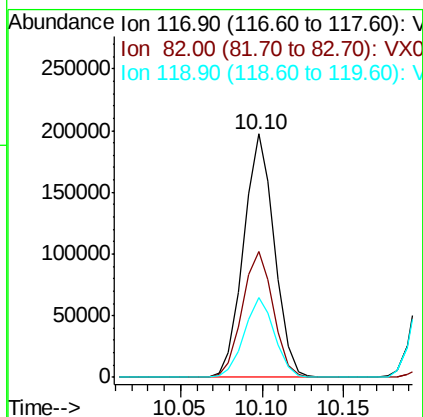
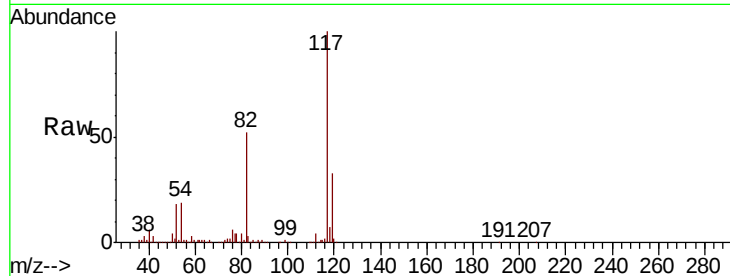




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

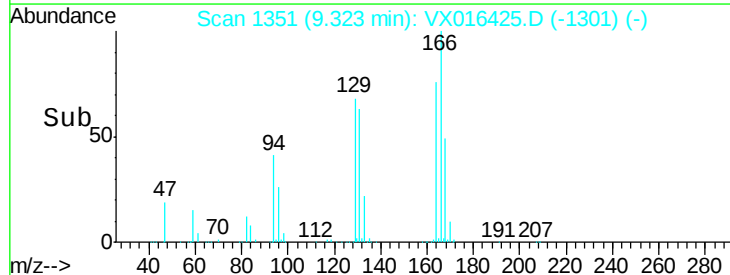
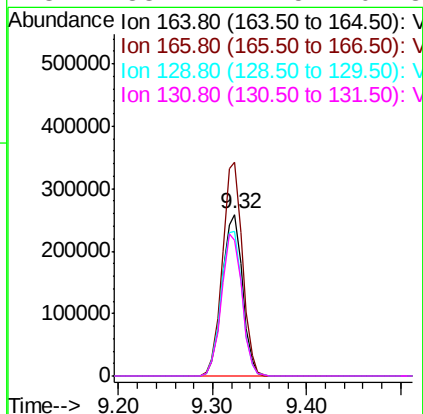
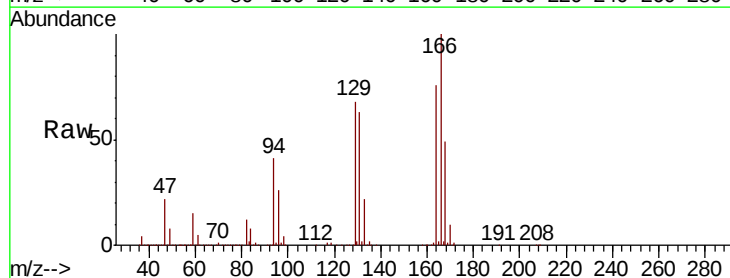
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

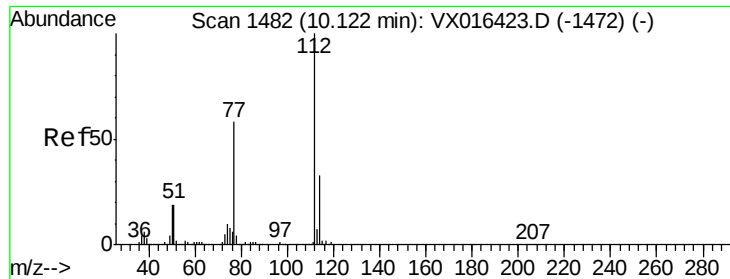
Tot Ion:117 Resp: 259238
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 123.076 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion:164 Resp: 386727
Ion Ratio Lower Upper
164 100
166 132.0 99.5 149.3
129 89.2 73.4 110.0
131 83.7 71.5 107.3

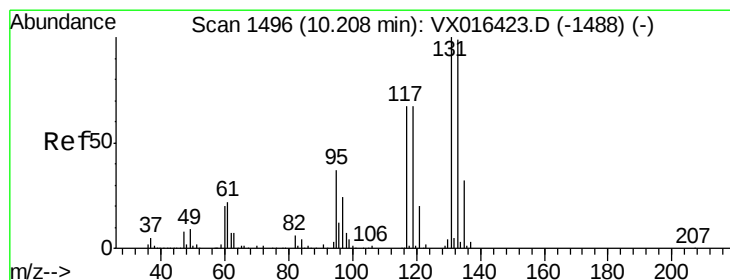
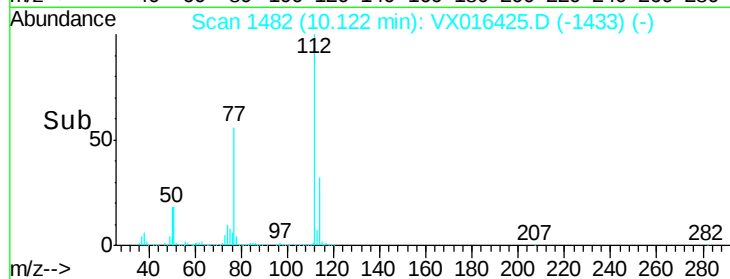
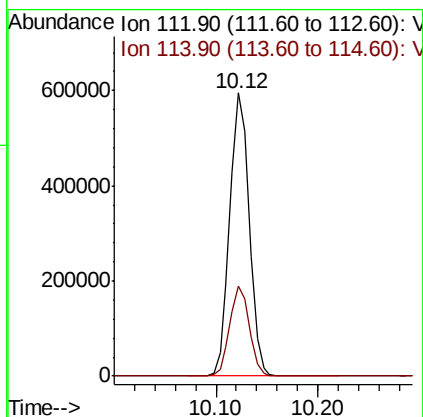
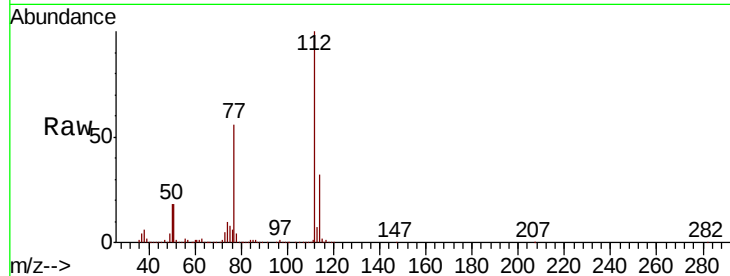




#65
Chlorobenzene
Concen: 144.403 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

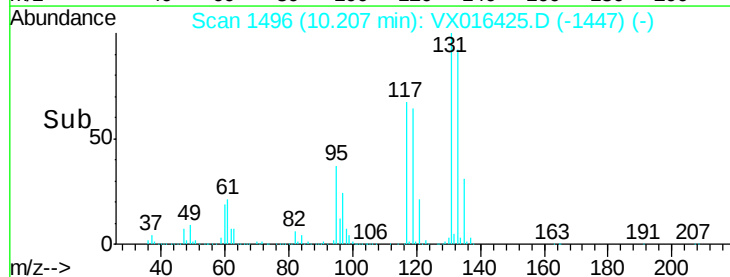
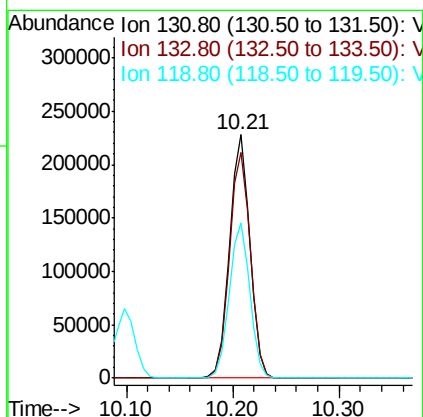
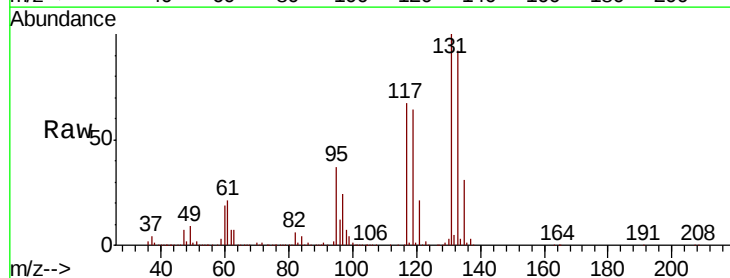
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

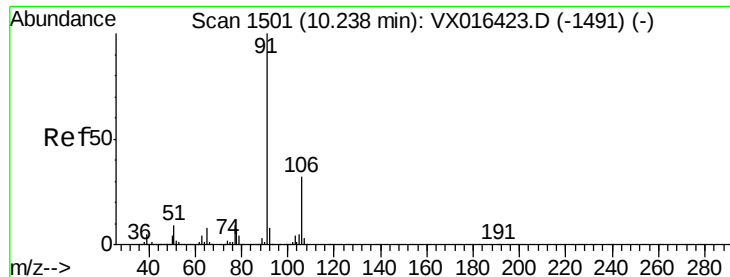
Tot Ion:112 Resp: 781734
Ion Ratio Lower Upper
112 100
114 31.7 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 152.524 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion:131 Resp: 306050
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 64.4 33.0 98.9

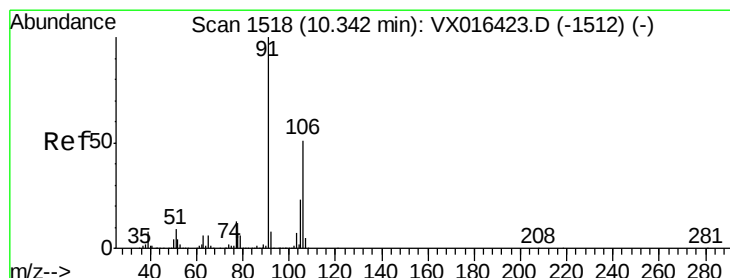
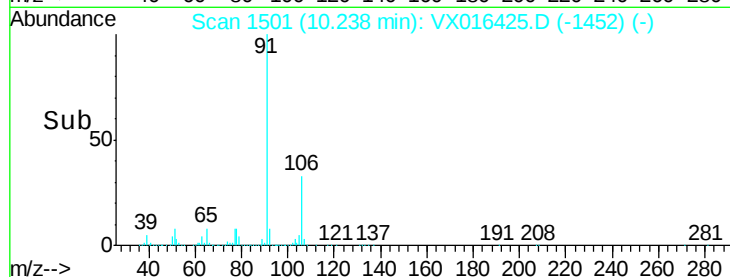
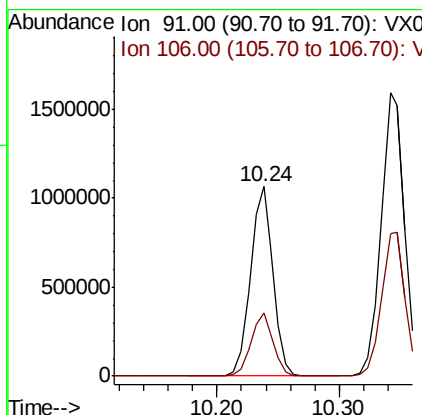
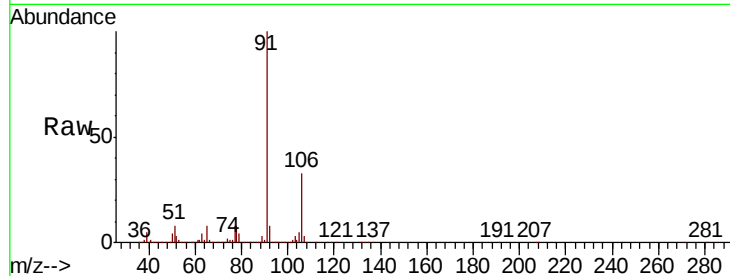




#67
Ethyl Benzene
Concen: 141.201 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

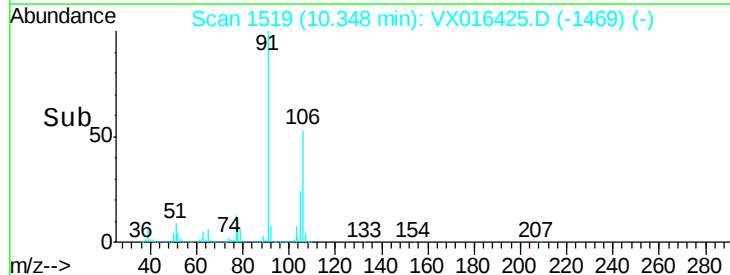
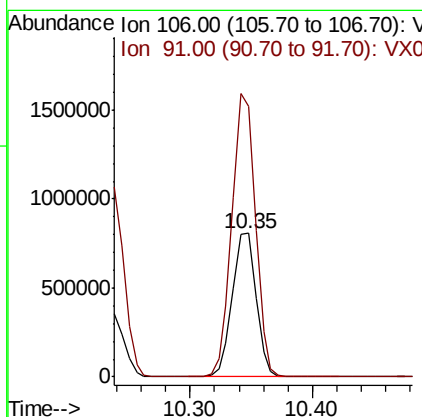
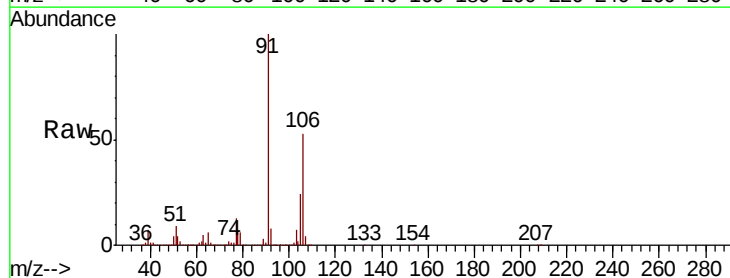
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

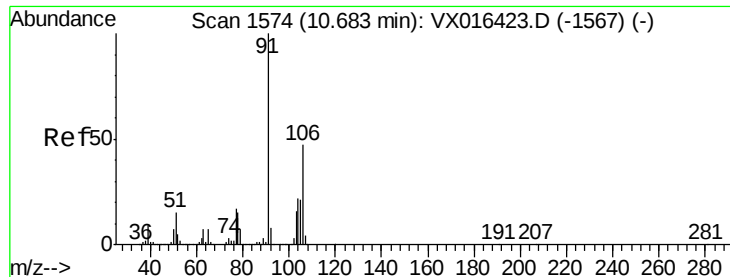
Tot Ion: 91 Resp: 1355475
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.8



#68
m/p-Xylenes
Concen: 301.913 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion: 106 Resp: 1089001
Ion Ratio Lower Upper
106 100
91 194.1 158.2 237.4

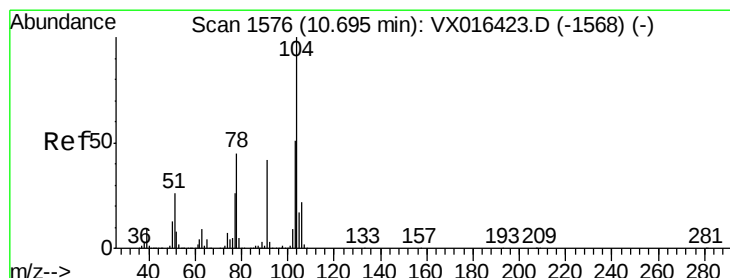
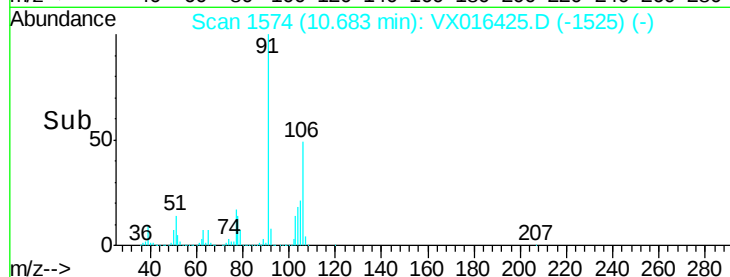
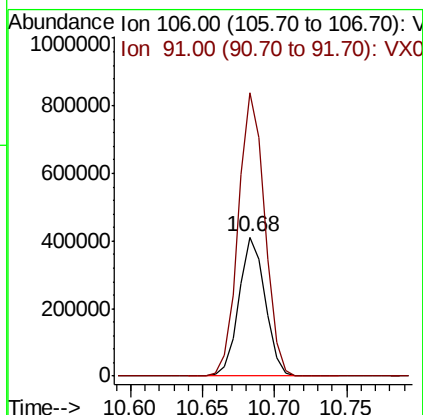
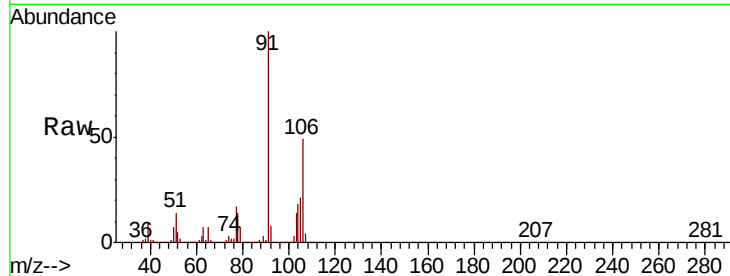




#69
o-Xylene
Concen: 150.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

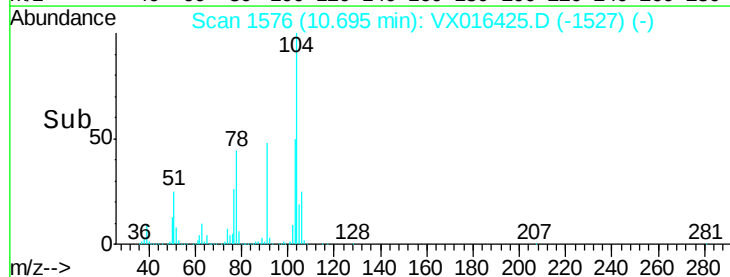
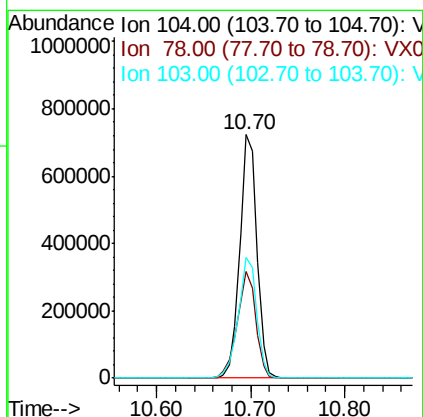
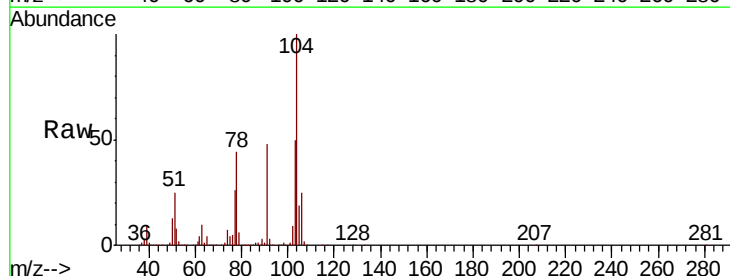
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

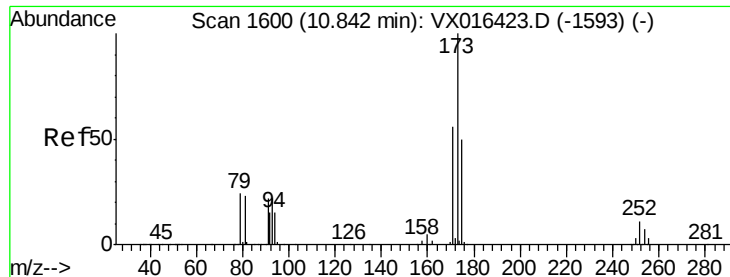
Tot Ion:106 Resp: 521346
Ion Ratio Lower Upper
106 100
91 204.9 104.0 312.0



#70
Styrene
Concen: 155.294 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion:104 Resp: 912558
Ion Ratio Lower Upper
104 100
78 47.4 39.2 58.8
103 53.4 43.8 65.6





#71

Bromoform

Concen: 173.429 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

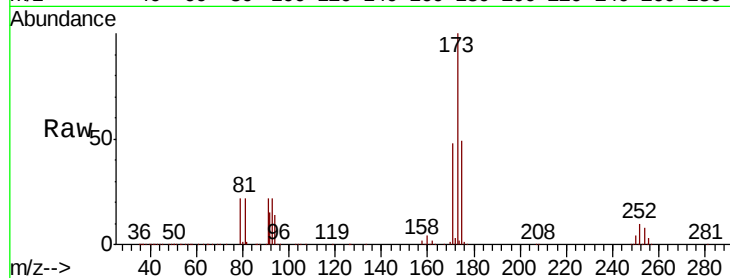
Tot Ion:173 Resp: 283986

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.5	73.5
254	0.2	0.2	0.2

173 100

175 48.8 24.5 73.5

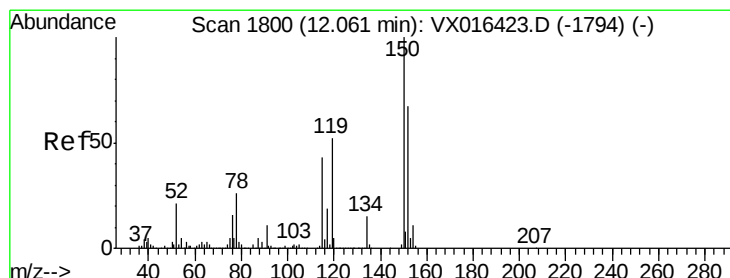
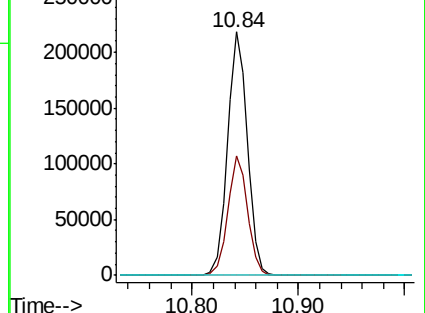
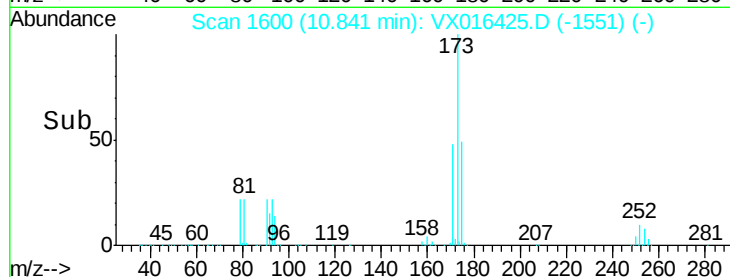
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

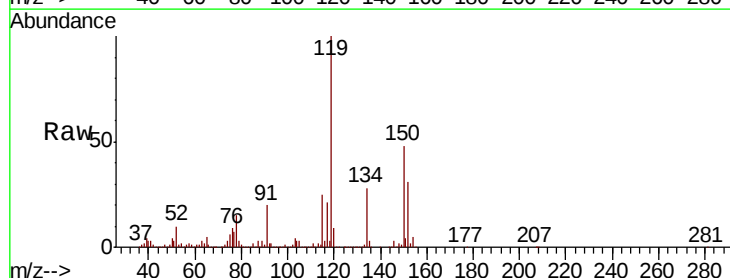
Tgt Ion:152 Resp: 135879

Ion	Ratio	Lower	Upper
152	100		
115	123.5	40.4	121.2#
150	207.6	0.0	345.8

152 100

115 123.5 40.4 121.2#

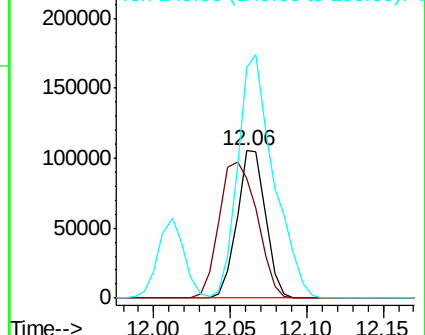
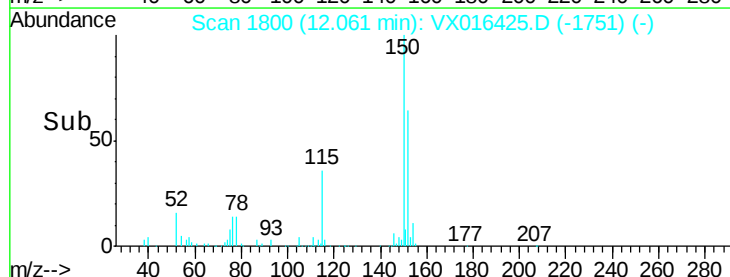
150 207.6 0.0 345.8

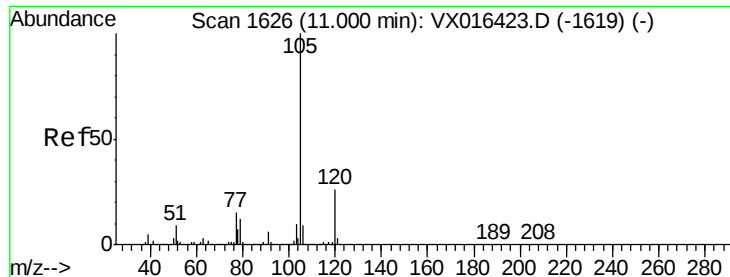


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 138.233 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

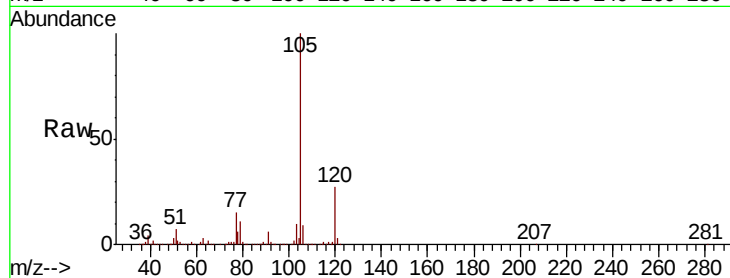
VSTDIC150

Tot Ion:105 Resp: 1355194

Ion Ratio Lower Upper

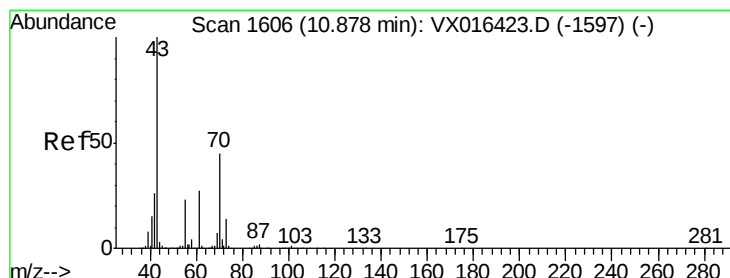
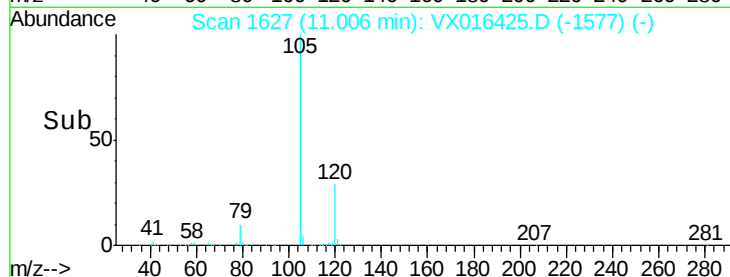
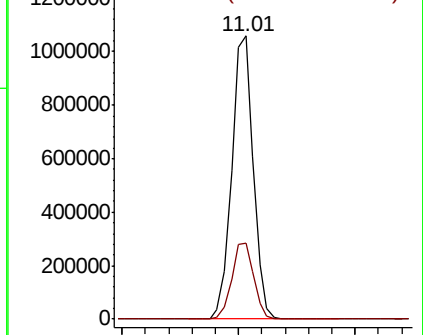
105 100

120 27.7 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 129.617 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Tgt Ion: 43 Resp: 582157

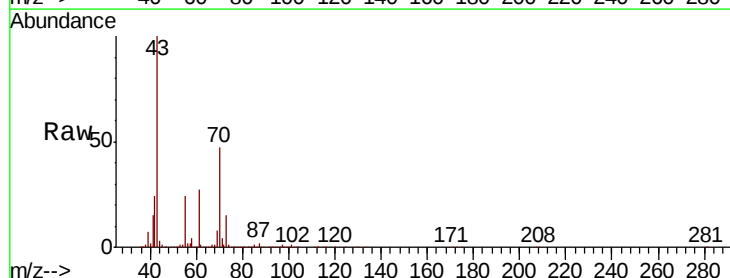
Ion Ratio Lower Upper

43 100

70 47.5 38.0 57.0

55 24.4 20.0 30.0

61 26.8 21.4 32.2

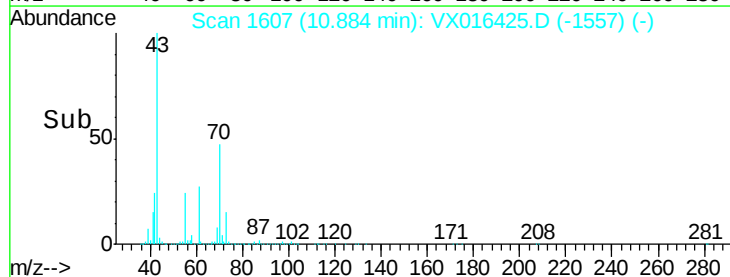
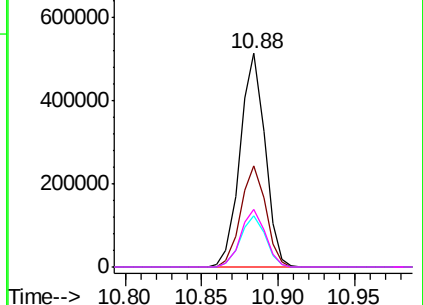


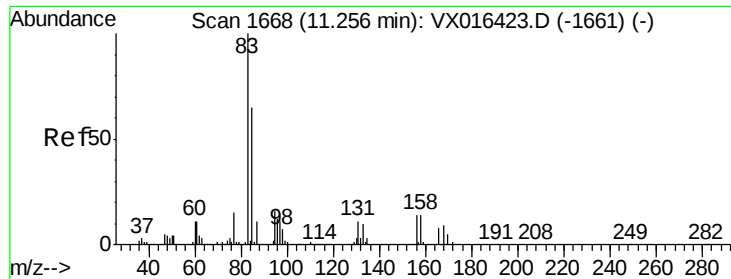
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 211.540 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

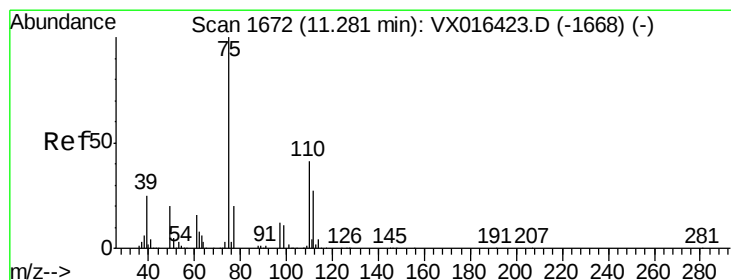
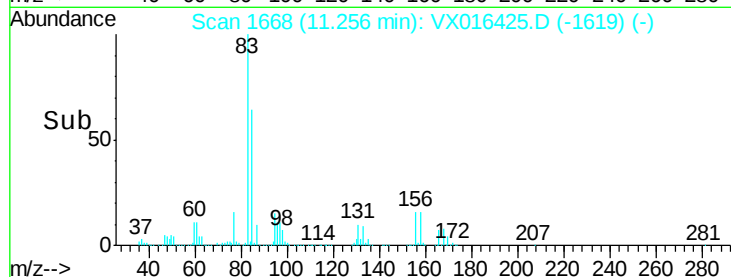
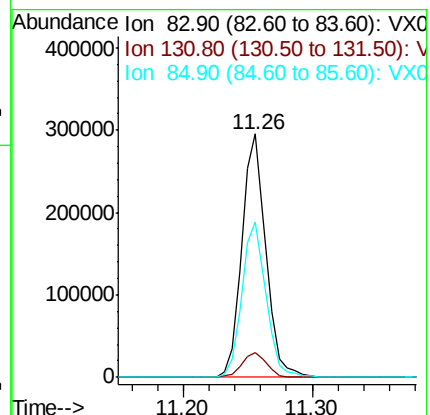
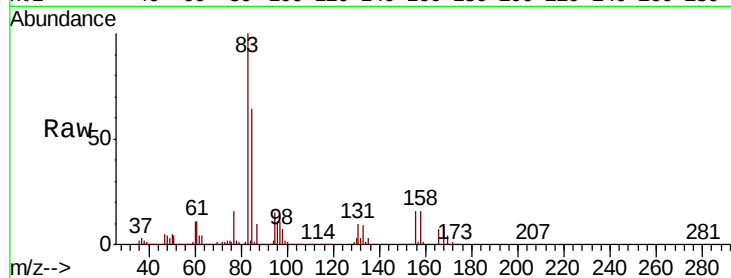
Tot Ion: 83 Resp: 380855

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.3 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 185.307 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016425.D

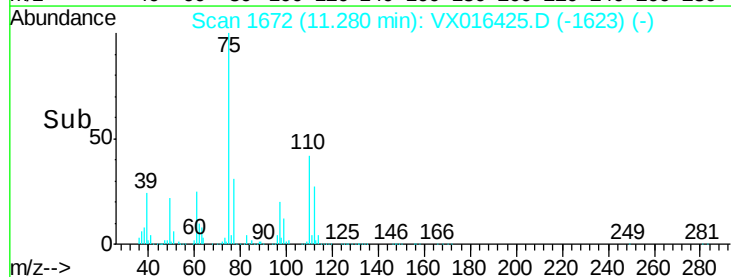
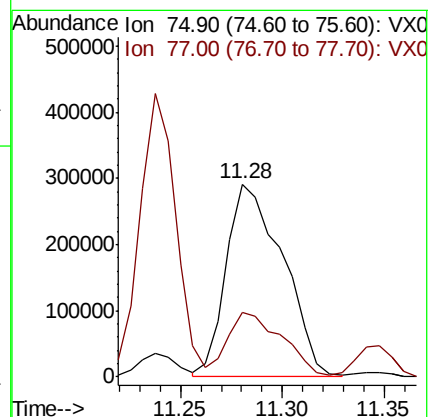
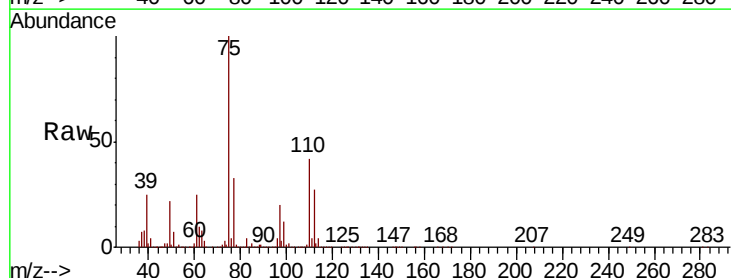
Acq: 26 May 2020 14:24

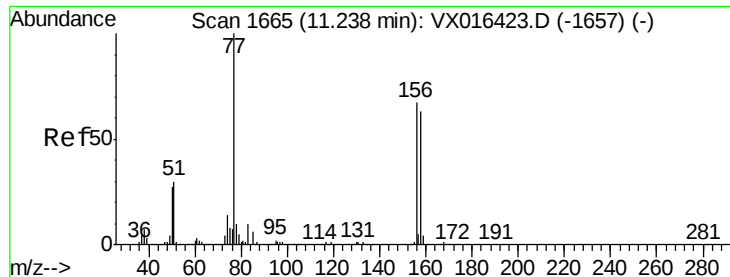
Tgt Ion: 75 Resp: 563483

Ion Ratio Lower Upper

75 100

77 32.3 21.4 64.3





#77

Bromobenzene

Concen: 143.613 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

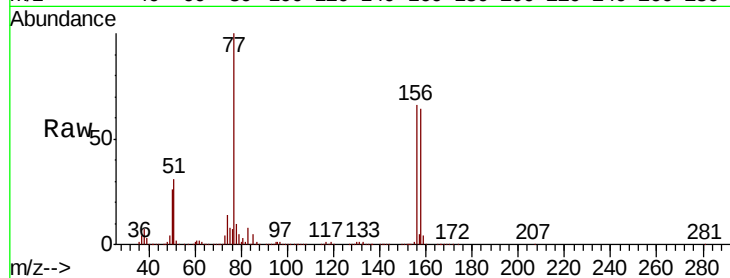
Tot Ion:156 Resp: 365829

Ion Ratio Lower Upper

156 100

77 143.9 74.6 223.8

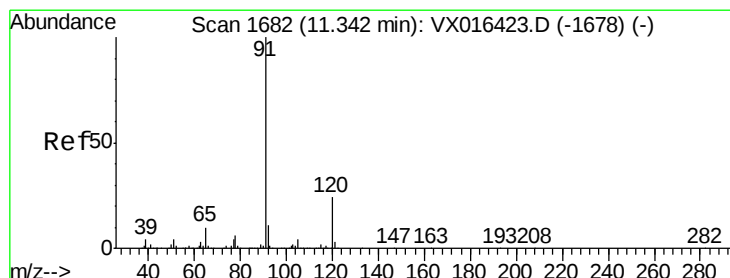
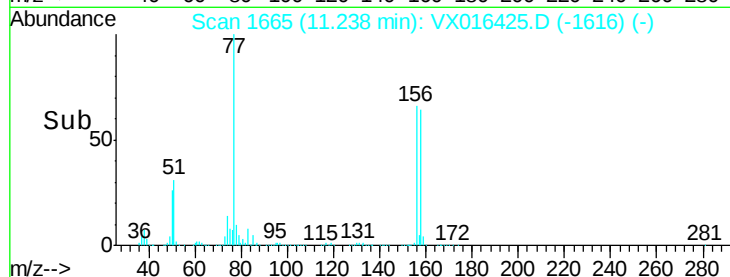
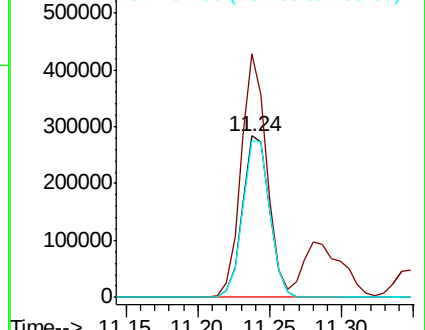
158 98.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 133.755 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016425.D

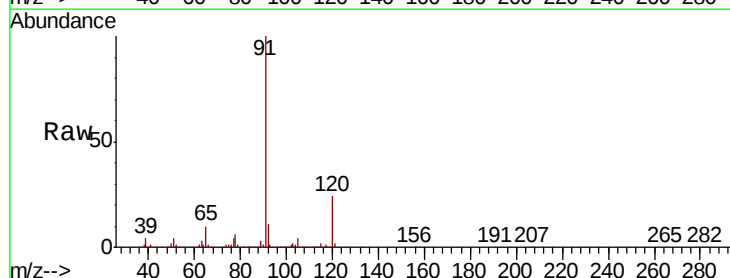
Acq: 26 May 2020 14:24

Tgt Ion: 91 Resp: 1521866

Ion Ratio Lower Upper

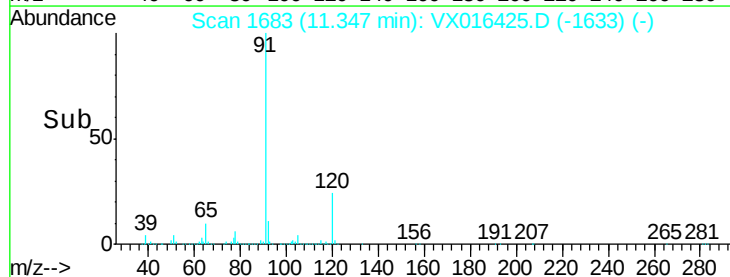
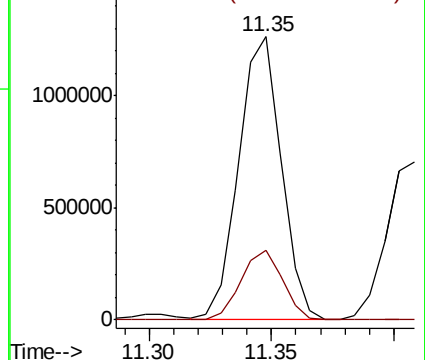
91 100

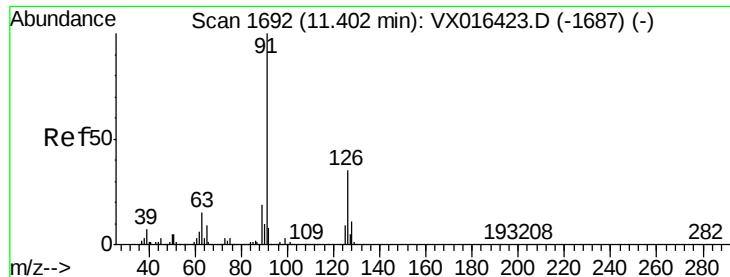
120 24.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 135.420 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

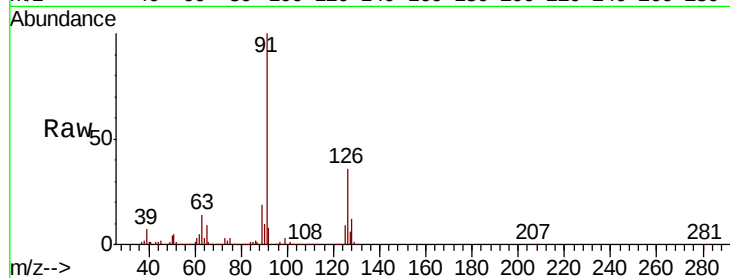
VSTDIC150

Tot Ion: 91 Resp: 911172

Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX016423.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016423.D (-1687) (-)

1500000

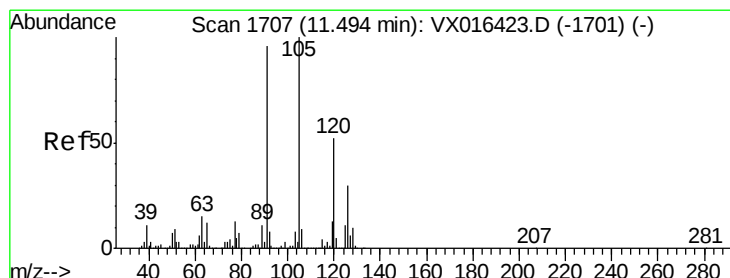
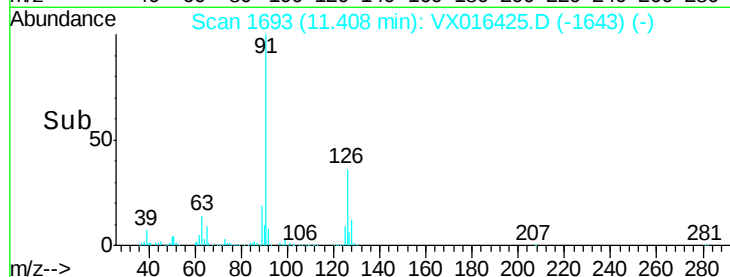
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 140.727 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016425.D

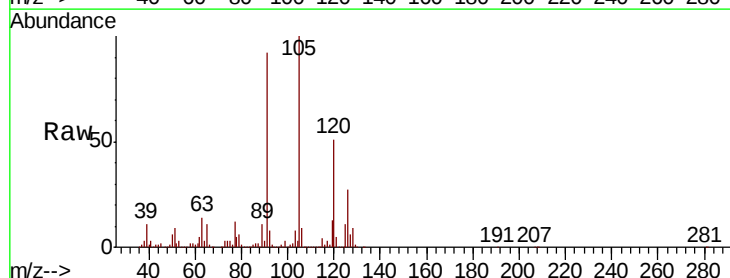
Acq: 26 May 2020 14:24

Tgt Ion:105 Resp: 1164230

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016425.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX016425.D (-1658) (-)

1000000

800000

600000

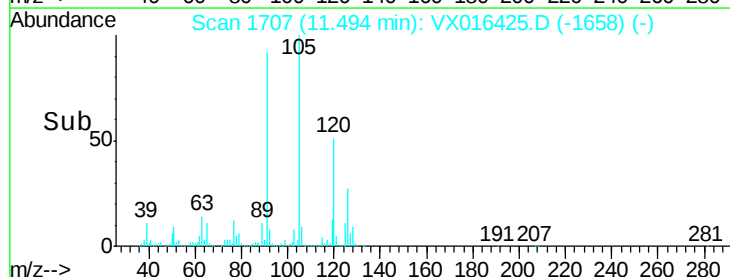
400000

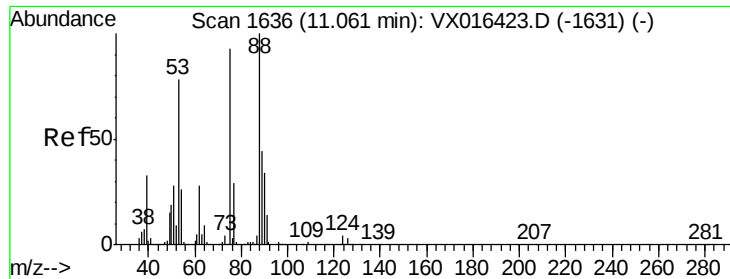
200000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 142.166 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

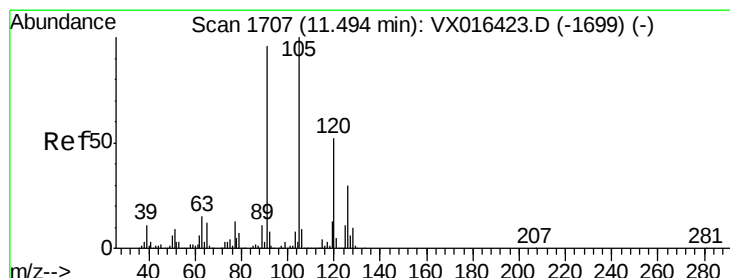
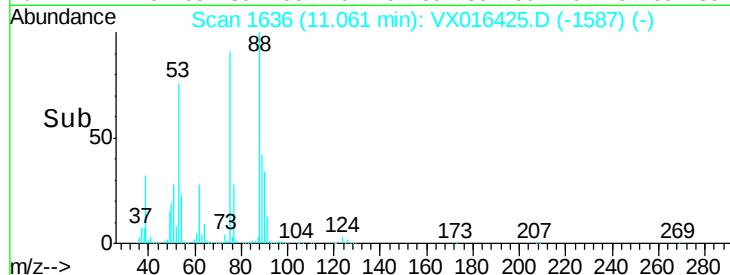
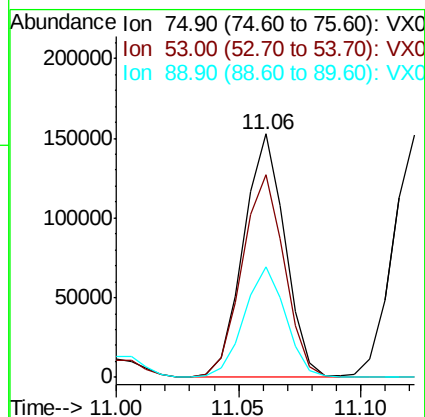
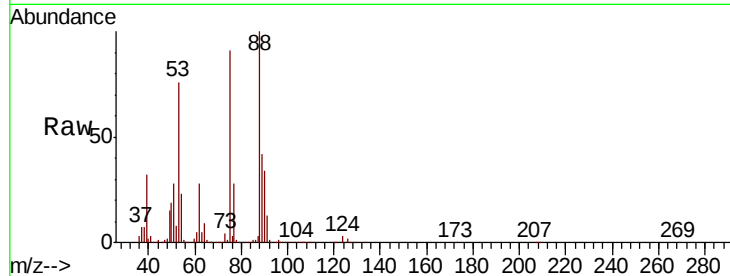
Tot Ion: 75 Resp: 180286

Ion Ratio Lower Upper

75 100

53 85.0 69.4 104.2

89 45.6 37.0 55.6



#82

4-Chlorotoluene

Concen: 139.225 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016425.D

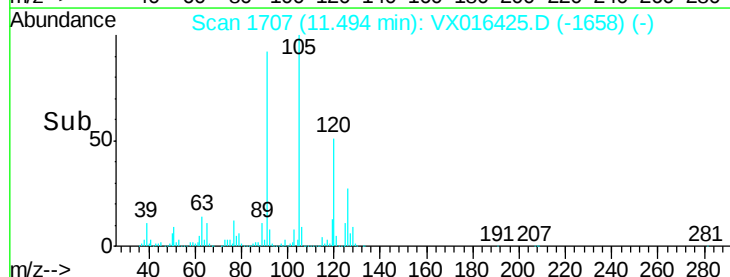
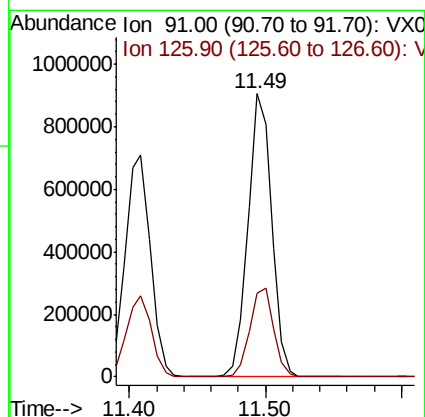
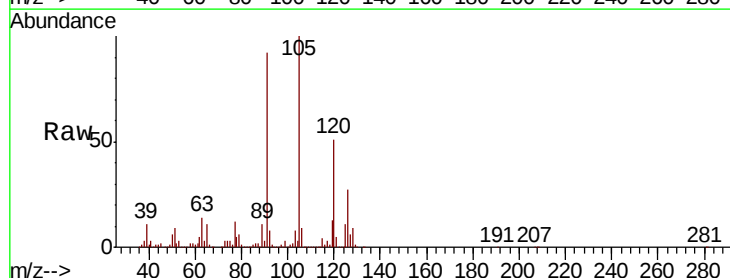
Acq: 26 May 2020 14:24

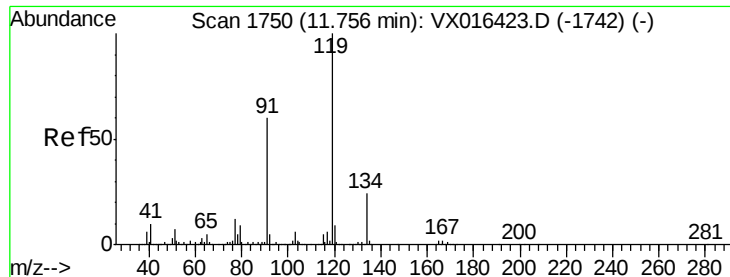
Tgt Ion: 91 Resp: 1107256

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.0





#83

tert-Butylbenzene

Concen: 143.601 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

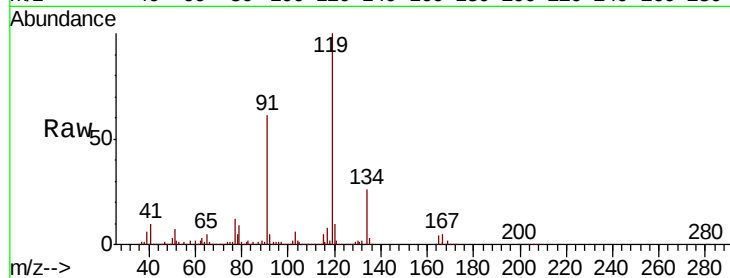
Tot Ion:119 Resp: 1023295

Ion Ratio Lower Upper

119 100

91 60.6 30.8 92.3

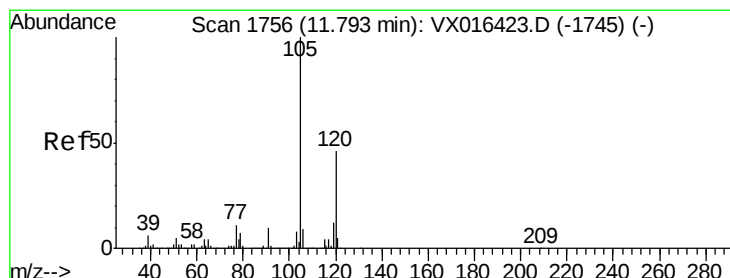
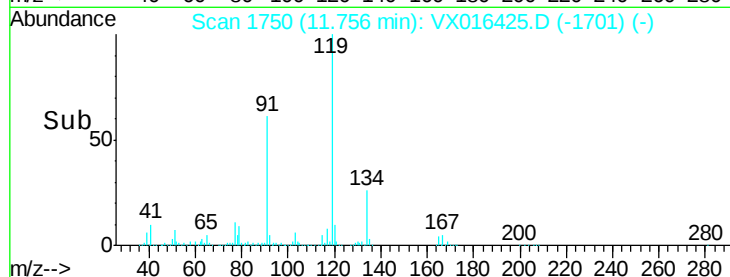
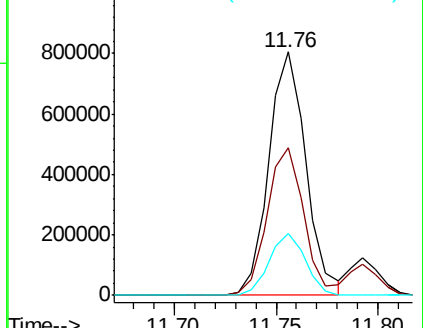
134 24.9 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 138.422 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016425.D

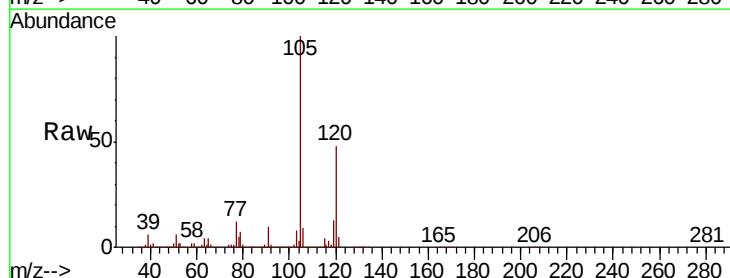
Acq: 26 May 2020 14:24

Tgt Ion:105 Resp: 1155326

Ion Ratio Lower Upper

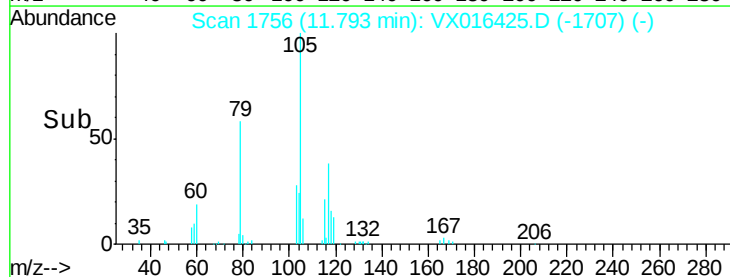
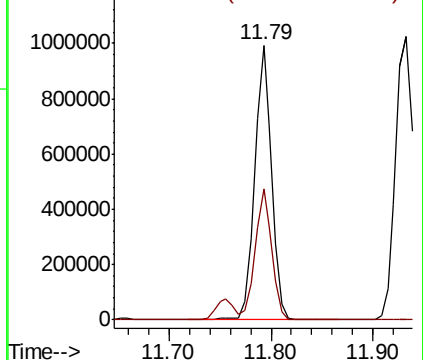
105 100

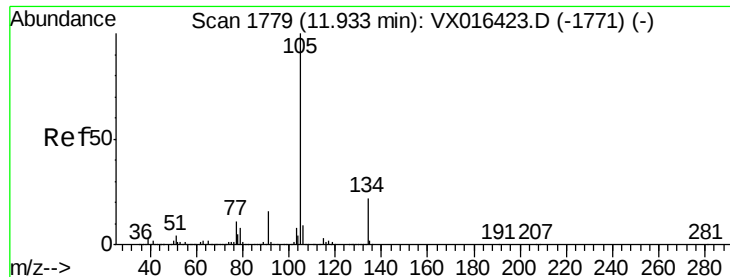
120 47.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 132.895 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

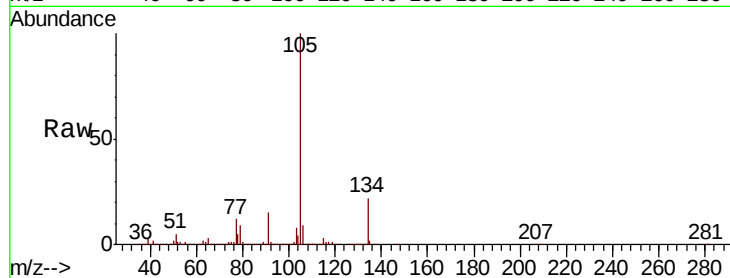
VSTDIC150

Tot Ion:105 Resp: 1266933

Ion Ratio Lower Upper

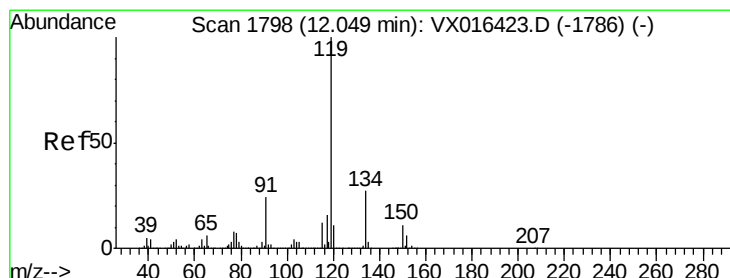
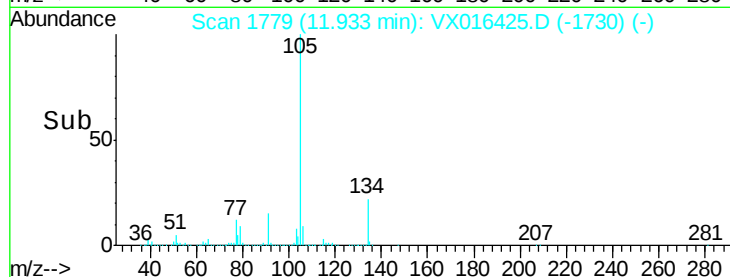
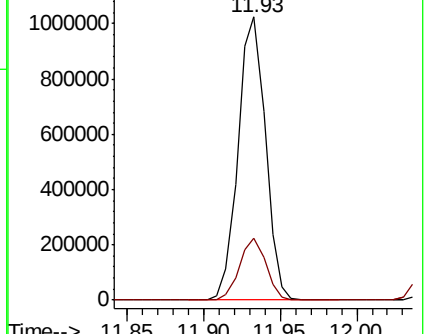
105 100

134 21.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 134.553 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

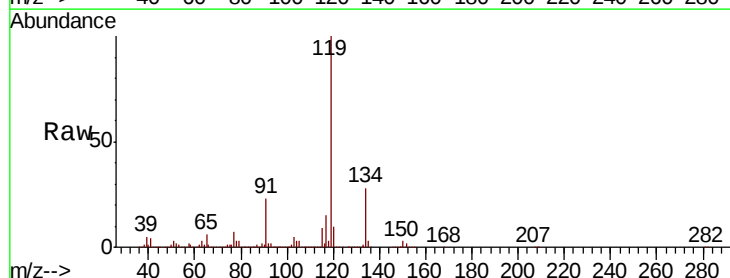
Tgt Ion:119 Resp: 1188028

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.3

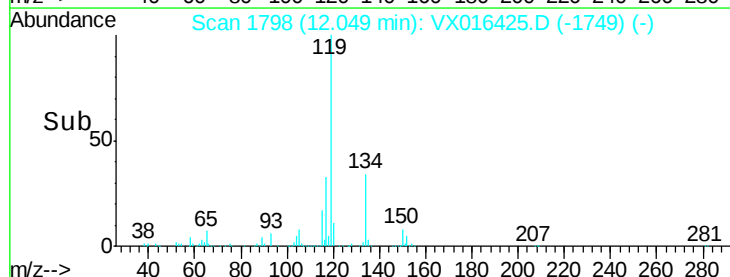
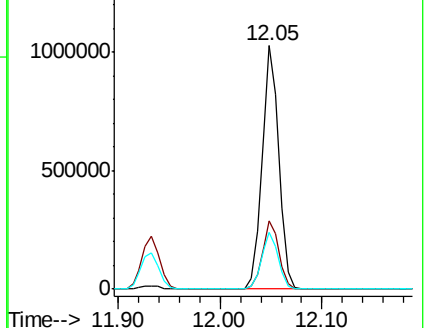
91 23.1 11.9 35.5

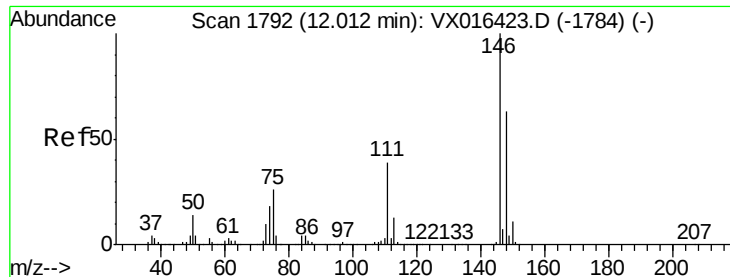


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 143.325 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

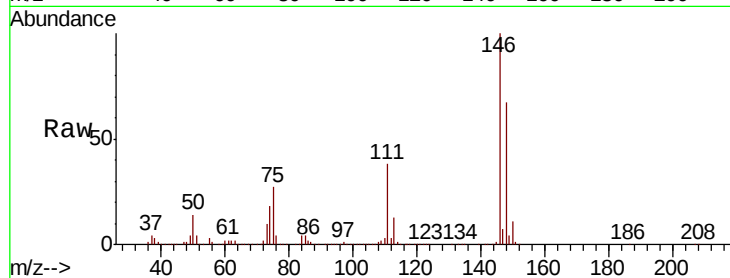
Tot Ion:146 Resp: 652154

Ion Ratio Lower Upper

146 100

111 38.4 20.1 60.2

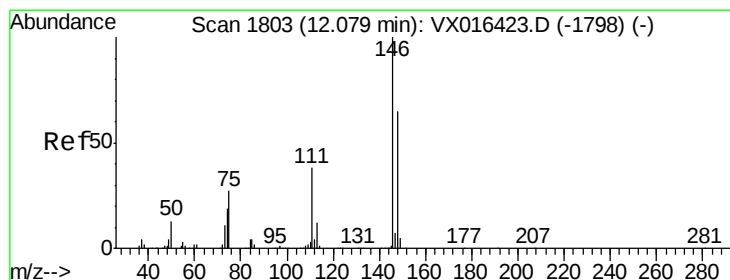
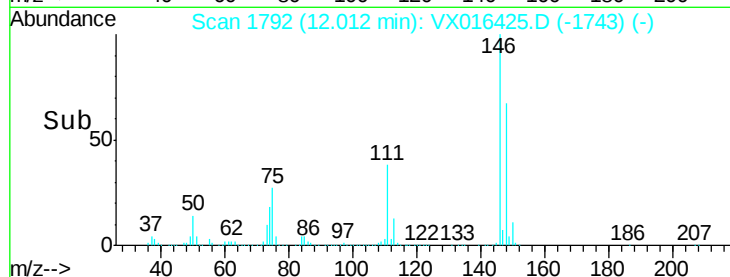
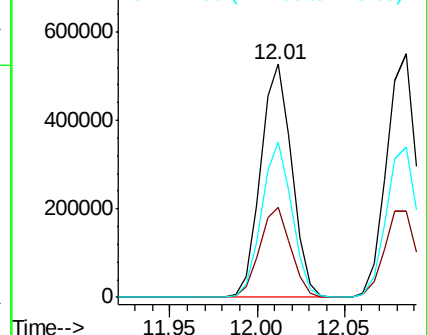
148 64.8 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 142.717 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

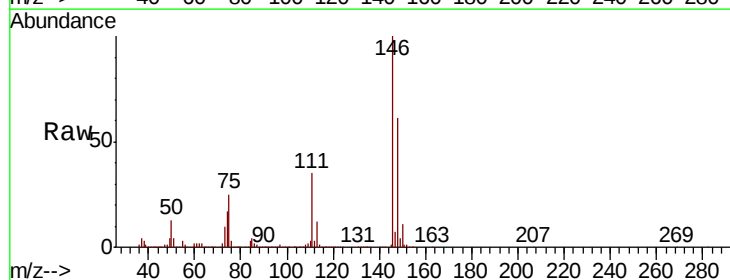
Tgt Ion:146 Resp: 659486

Ion Ratio Lower Upper

146 100

111 37.7 19.2 57.6

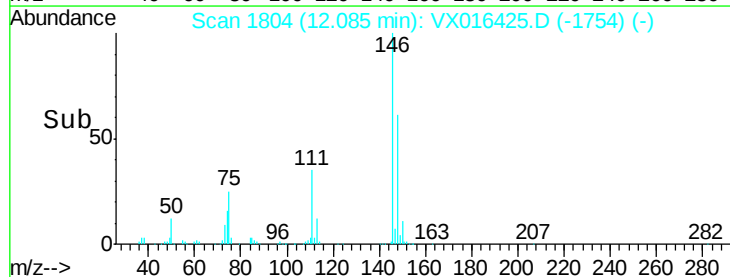
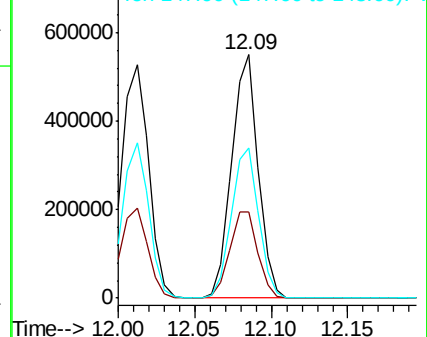
148 63.3 33.1 99.2

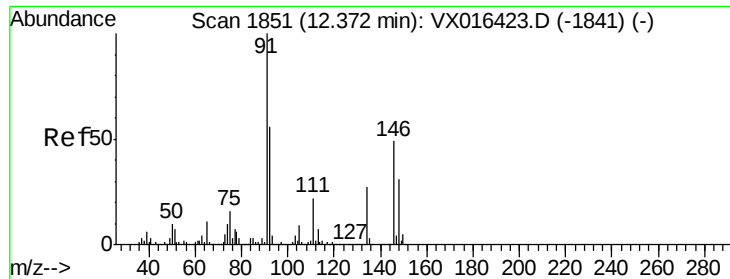


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 129.642 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016425.D

Acq: 26 May 2020 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

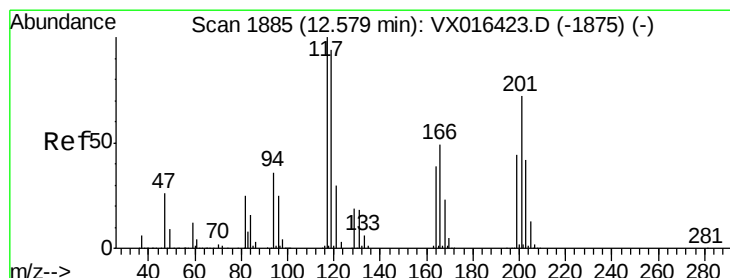
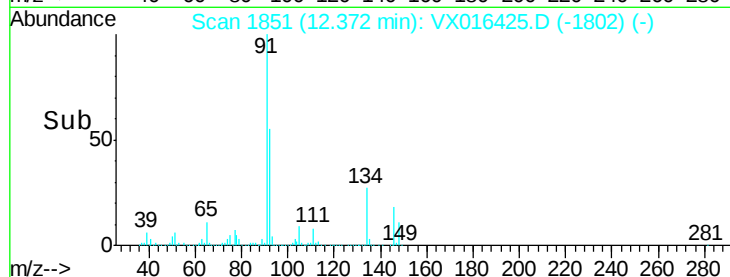
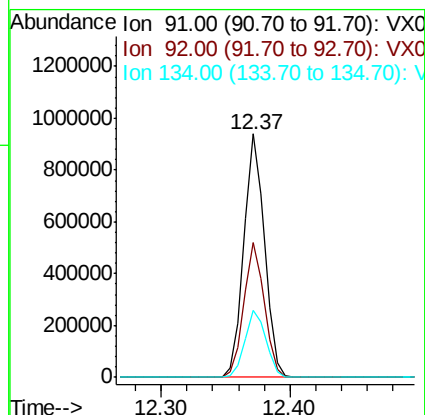
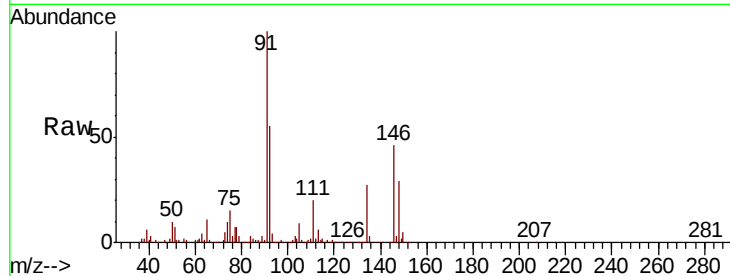
Tot Ion: 91 Resp: 1039905

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.8

134 27.9 13.7 41.1



#90

Hexachloroethane

Concen: 148.591 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016425.D

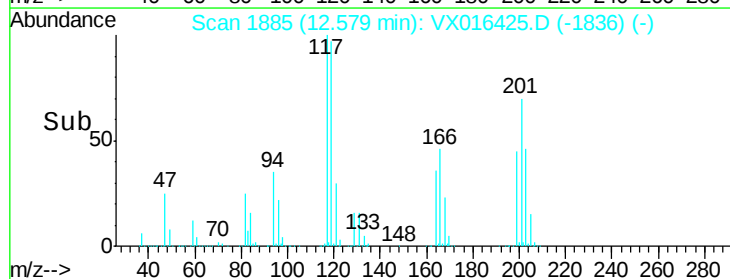
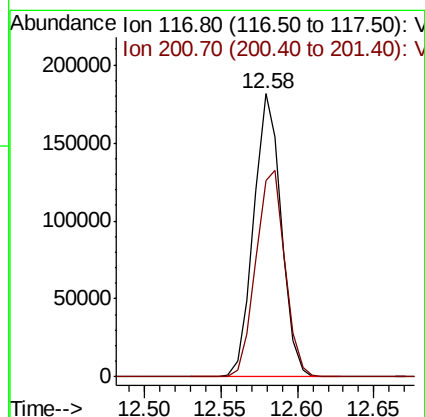
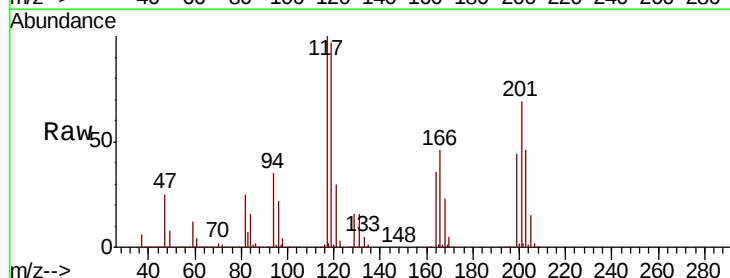
Acq: 26 May 2020 14:24

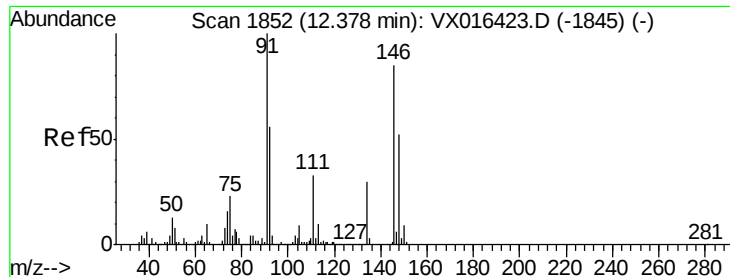
Tgt Ion: 117 Resp: 226774

Ion Ratio Lower Upper

117 100

201 77.1 37.6 112.9

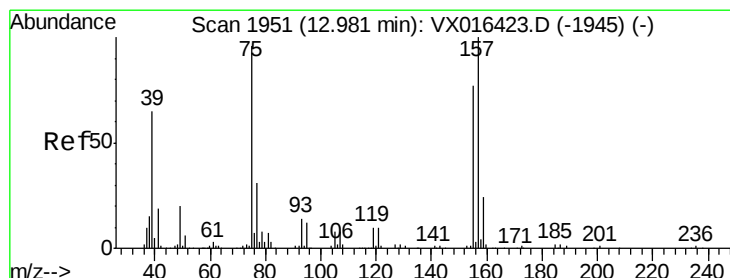
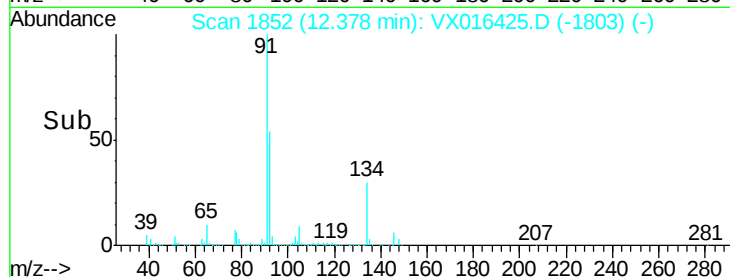
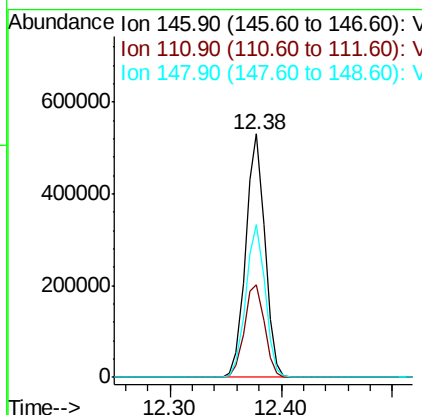
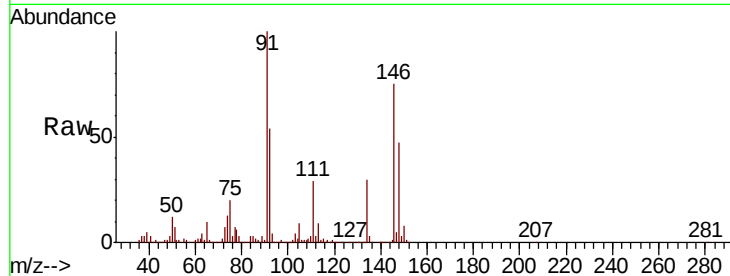




#91
 1,2-Dichlorobenzene
 Concen: 143.313 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

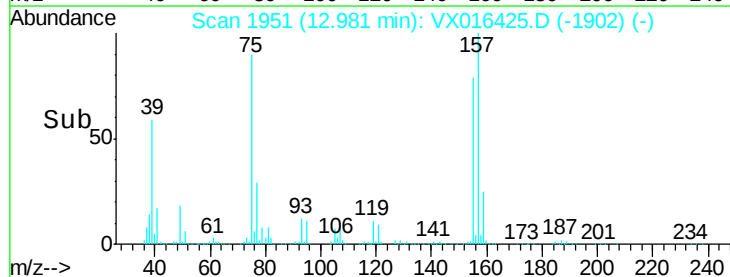
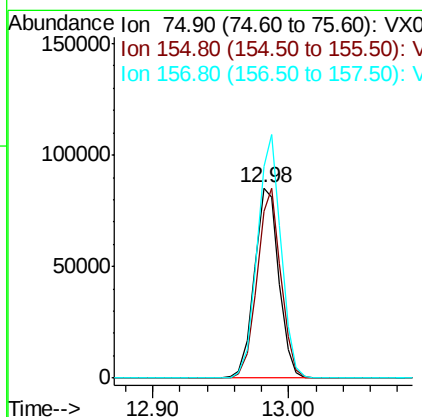
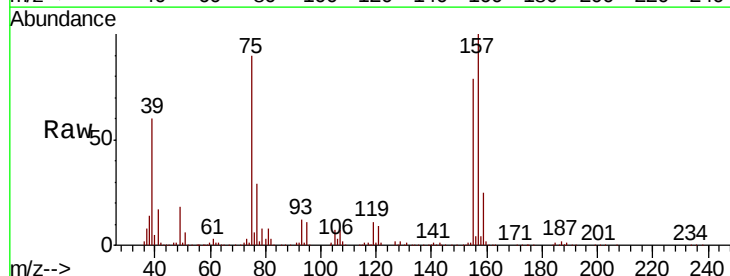
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

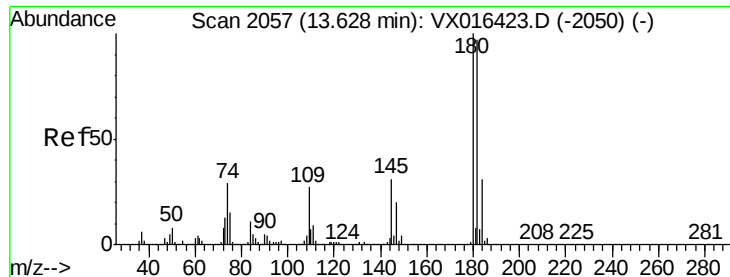
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.2	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.846 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.5	44.8	134.4
157	123.6	57.8	173.4

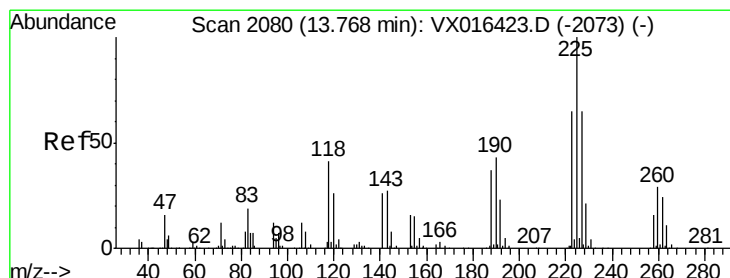
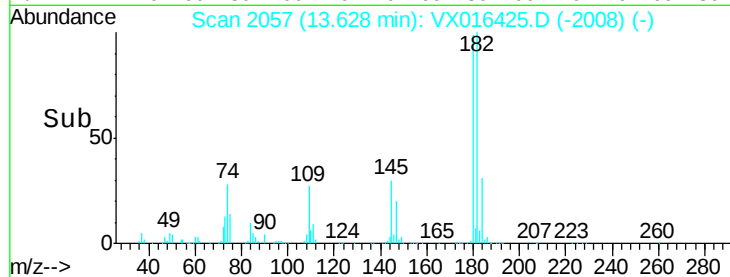
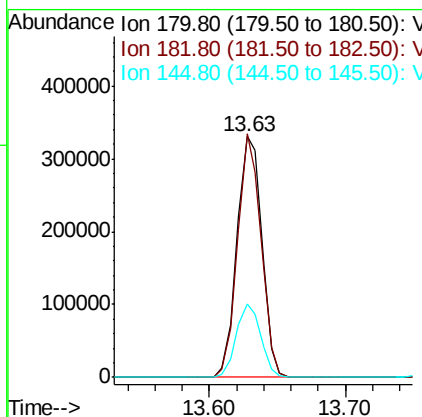
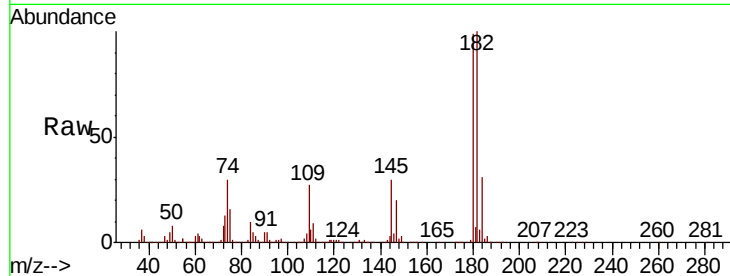




#93
 1,2,4-Trichlorobenzene
 Concen: 131.832 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

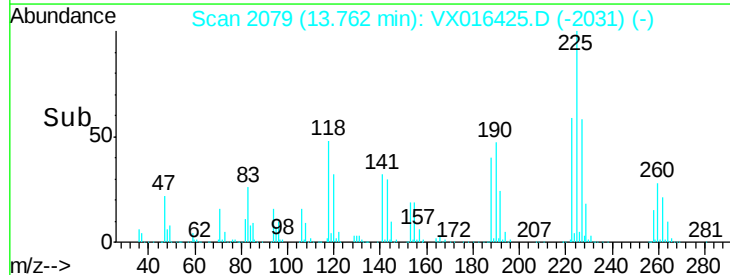
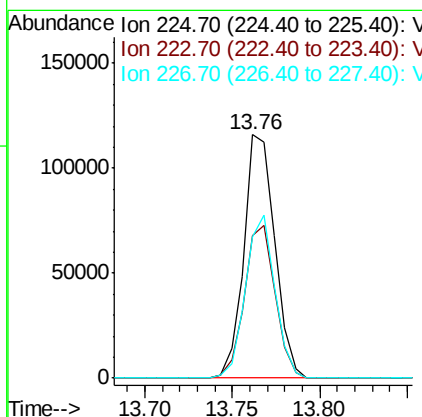
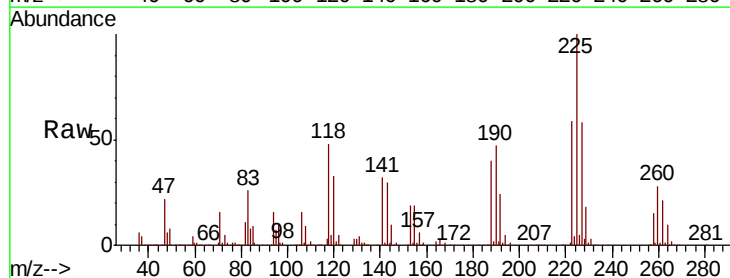
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

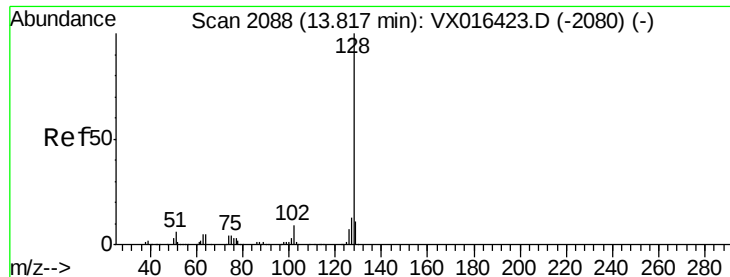
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.6	145.8
145	30.1	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 99.980 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016425.D
 Acq: 26 May 2020 14:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.6	98.0
227	63.5	32.5	97.4

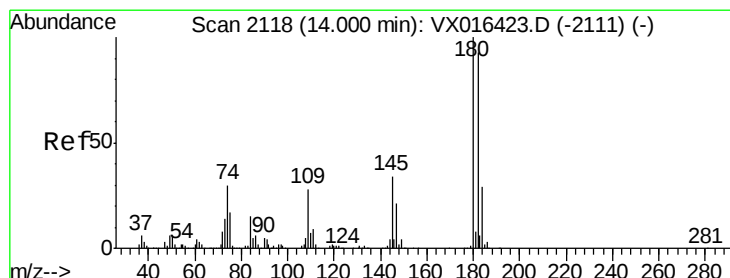
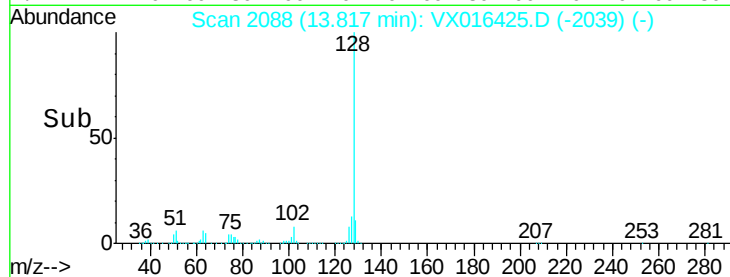
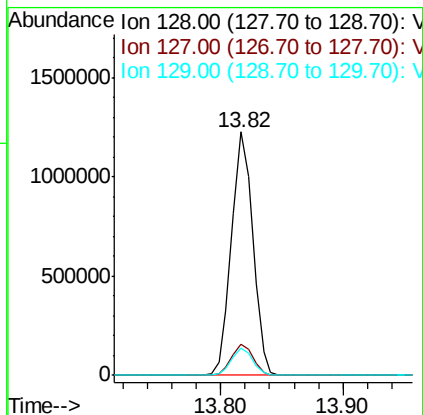
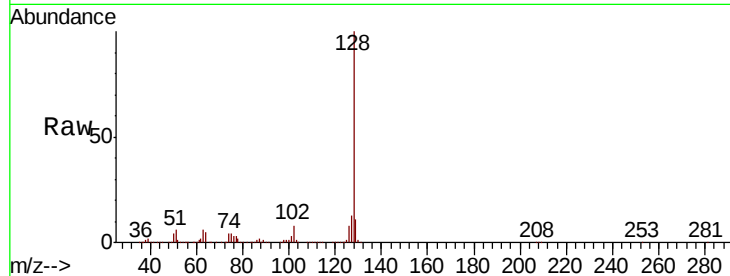




#95
Naphthalene
Concen: 141.451 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1479152
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 126.985 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016425.D
Acq: 26 May 2020 14:24

Tgt Ion:180 Resp: 394389
Ion Ratio Lower Upper
180 100
182 98.2 48.2 144.6
145 32.6 16.3 48.9

