

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012429.D
 Acq On : 17 Sep 2019 12:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 17 13:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	13114	4.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.40%	
35) Dibromofluoromethane	5.48	113	8943	3.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.18%	
50) Toluene-d8	8.71	98	33567	3.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.62%	
62) 4-Bromofluorobenzene	11.14	95	13399	3.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	3808	2.777	ug/l	93
3) Chloromethane	1.32	50	3789	3.188	ug/l	95
4) Vinyl Chloride	1.40	62	4239	3.234	ug/l	98
5) Bromomethane	1.62	94	1964	3.584	ug/l	98
6) Chloroethane	1.70	64	4058	4.659	ug/l #	85
7) Trichlorofluoromethane	1.92	101	8072	3.371	ug/l	95
8) Diethyl Ether	2.18	74	3752	3.550	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6024	3.491	ug/l	96
10) Methyl Iodide	2.50	142	3255	2.053	ug/l	98
11) Tert butyl alcohol	3.04	59	20205	25.161	ug/l	97
12) 1,1-Dichloroethene	2.36	96	4822	3.555	ug/l	98
13) Acrolein	2.28	56	8007	23.967	ug/l	98
14) Allyl chloride	2.72	41	12046	3.824	ug/l	97
15) Acrylonitrile	3.13	53	25853	19.283	ug/l	97
16) Acetone	2.44	43	32890	22.492	ug/l	100
17) Carbon Disulfide	2.55	76	4712	2.630	ug/l	98
18) Methyl Acetate	2.77	43	11942	3.715	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	27774	3.770	ug/l	100
20) Methylene Chloride	2.84	84	6862	3.493	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	4792	3.286	ug/l	96
22) Diisopropyl ether	3.84	45	27688	3.829	ug/l	93
23) Vinyl Acetate	3.80	43	109919	18.429	ug/l	98
24) 1,1-Dichloroethane	3.68	63	13248	3.658	ug/l	98
25) 2-Butanone	4.67	43	42537	20.608	ug/l	96
26) 2,2-Dichloropropane	4.57	77	12735	3.684	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	7612	3.551	ug/l	90
28) Bromochloromethane	5.00	49	7092	3.837	ug/l #	99
29) Tetrahydrofuran	5.12	42	22708	19.021	ug/l	99
30) Chloroform	5.19	83	15477	3.708	ug/l	87
31) Cyclohexane	5.58	56	7008	3.227	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	12721	3.679	ug/l	99
36) 1,1-Dichloropropene	5.79	75	7597	3.102	ug/l	94
37) Ethyl Acetate	4.83	43	12366	3.281	ug/l #	89
38) Carbon Tetrachloride	5.77	117	9445	3.186	ug/l	95

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 Data File : VX012429.D
 Acq On : 17 Sep 2019 12:23
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 17 13:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	7035	3.006	ug/l #	93
40) Benzene	6.14	78	25723	3.430	ug/l	96
41) Methacrylonitrile	5.04	41	8036	3.742	ug/l	94
42) 1,2-Dichloroethane	6.19	62	12179	3.556	ug/l	98
43) Isopropyl Acetate	6.44	43	22210	3.426	ug/l	97
44) Trichloroethene	7.21	130	6785	3.370	ug/l	79
45) 1,2-Dichloropropane	7.51	63	7903	3.426	ug/l	97
46) Dibromomethane	7.65	93	5225	3.411	ug/l	96
47) Bromodichloromethane	7.89	83	11540	3.383	ug/l	97
48) Methyl methacrylate	7.76	41	9812	3.409	ug/l	92
49) 1,4-Dioxane	7.74	88	5232	71.242	ug/l #	92
51) 4-Methyl-2-Pentanone	8.64	43	76014	18.124	ug/l	99
52) Toluene	8.78	92	16046	3.292	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	11266	3.183	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	11661	3.183	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	8994	3.486	ug/l	97
56) Ethyl methacrylate	9.17	69	12893	3.326	ug/l	97
57) 1,3-Dichloropropane	9.37	76	14334	3.510	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	36305	17.569	ug/l	97
59) 2-Hexanone	9.49	43	59080	18.222	ug/l	98
60) Dibromochloromethane	9.58	129	7981	3.029	ug/l	97
61) 1,2-Dibromoethane	9.67	107	7907	3.343	ug/l	98
64) Tetrachloroethene	9.33	164	5757	3.681	ug/l	92
65) Chlorobenzene	10.14	112	19760	3.591	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	7997	3.429	ug/l	95
67) Ethyl Benzene	10.25	91	33199	3.525	ug/l	100
68) m/p-Xylenes	10.36	106	24597	7.090	ug/l	100
69) o-Xylene	10.70	106	12957	3.599	ug/l	99
70) Styrene	10.71	104	21498	3.446	ug/l	99
71) Bromoform	10.86	173	5632	3.148	ug/l #	96
73) Isopropylbenzene	11.01	105	37073	4.688	ug/l	97
74) N-amyl acetate	10.89	43	19238	4.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	14829	4.680	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	16202	5.507	ug/l	92
77) Bromobenzene	11.25	156	8866	4.385	ug/l	96
78) n-propylbenzene	11.35	91	38554	4.317	ug/l	99
79) 2-Chlorotoluene	11.42	91	26772	4.678	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	30274	4.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	3640	3.495	ug/l #	78
82) 4-Chlorotoluene	11.51	91	30351	4.554	ug/l	97
83) tert-Butylbenzene	11.77	119	32599	4.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	31064	4.459	ug/l	97
85) sec-Butylbenzene	11.94	105	35971	4.460	ug/l	99
86) p-Isopropyltoluene	12.06	119	31690	4.296	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	16378	4.313	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	17243	4.497	ug/l	91
89) n-Butylbenzene	12.39	91	27641	4.243	ug/l	97
90) Hexachloroethane	12.59	117	5583	3.922	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	17881	4.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3572	4.260	ug/l	91

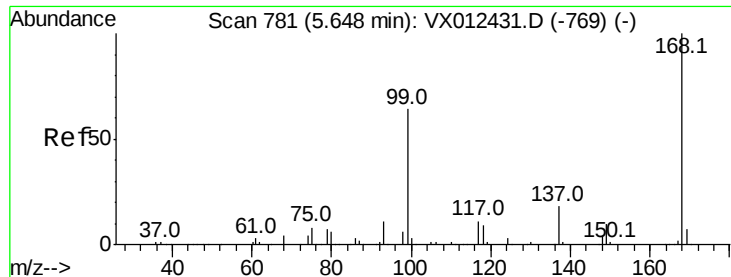
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
Data File : VX012429.D
Acq On : 17 Sep 2019 12:23
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 17 13:39:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:36:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	10566	4.069	ug/l	99
94) Hexachlorobutadiene	13.78	225	5075	4.088	ug/l	94
95) Naphthalene	13.83	128	38111	4.297	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	10789	4.175	ug/l	97

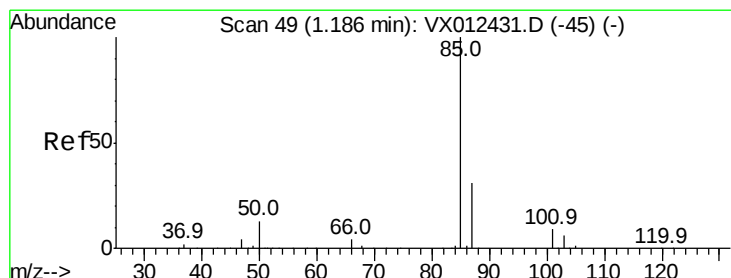
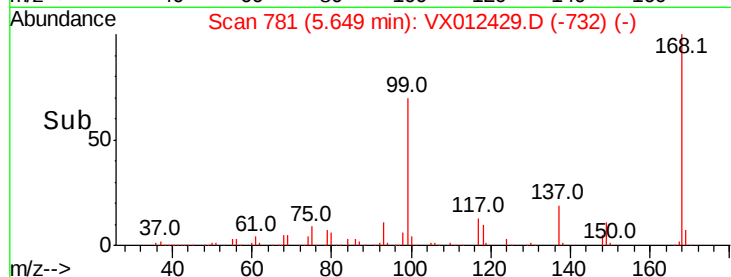
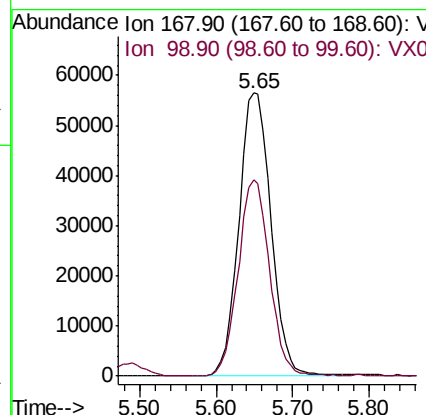
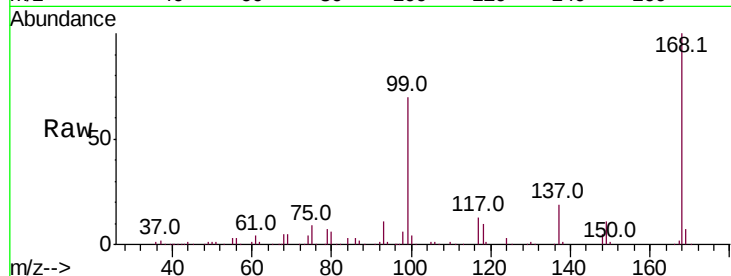
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

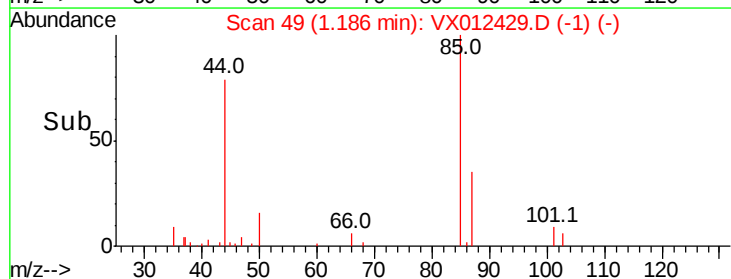
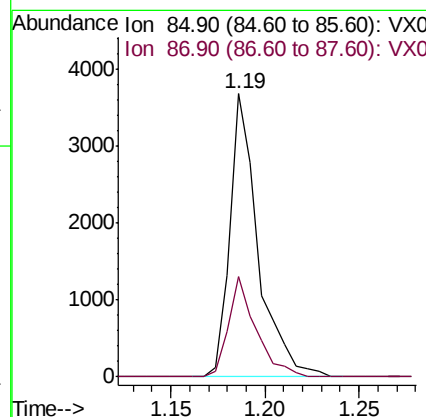
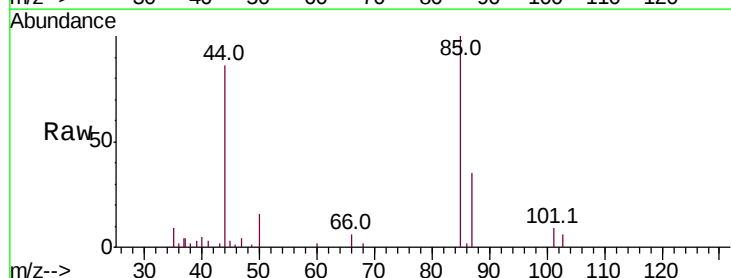
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

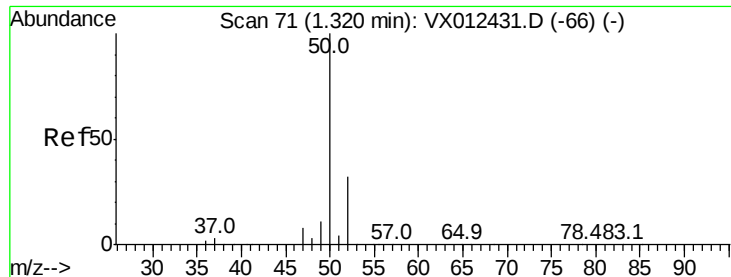
Tot Ion:168 Resp: 164703
Ion Ratio Lower Upper
168 100
99 69.5 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 2.777 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 85 Resp: 3808
Ion Ratio Lower Upper
85 100
87 35.3 15.6 46.8





#3

Chloromethane

Concen: 3.188 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

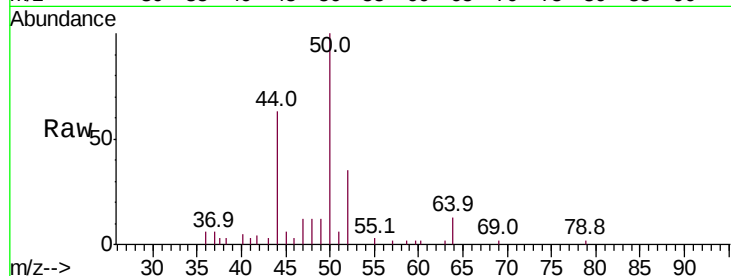
VSTDIC005

Tot Ion: 50 Resp: 3789

Ion Ratio Lower Upper

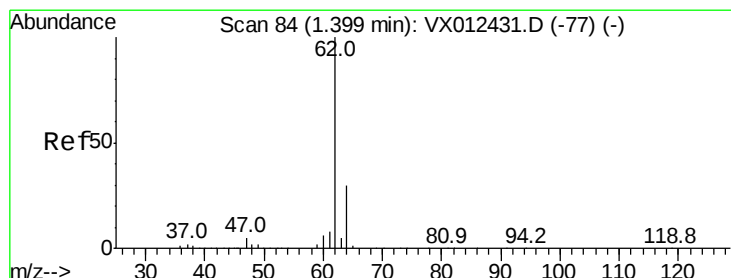
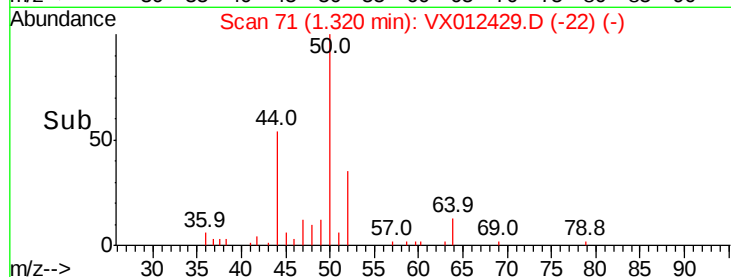
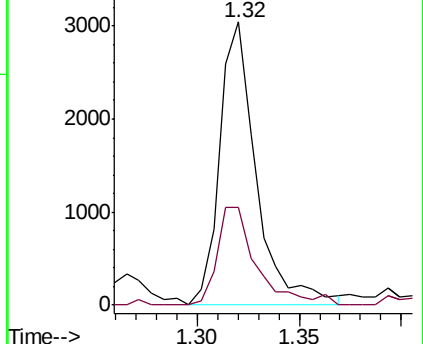
50 100

52 34.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 3.234 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012429.D

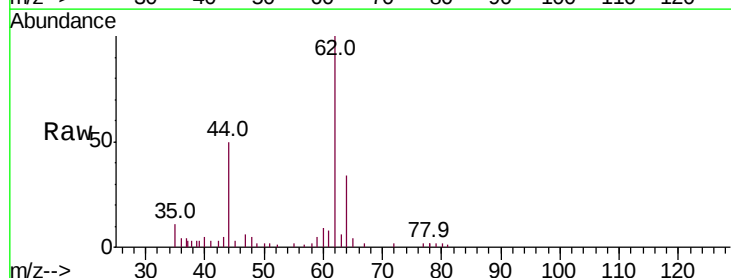
Acq: 17 Sep 2019 12:23

Tgt Ion: 62 Resp: 4239

Ion Ratio Lower Upper

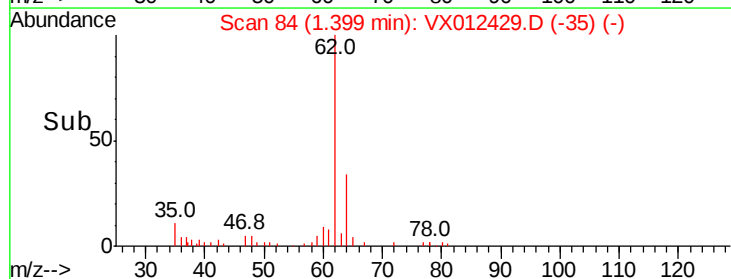
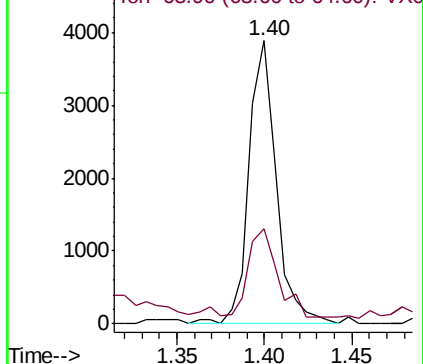
62 100

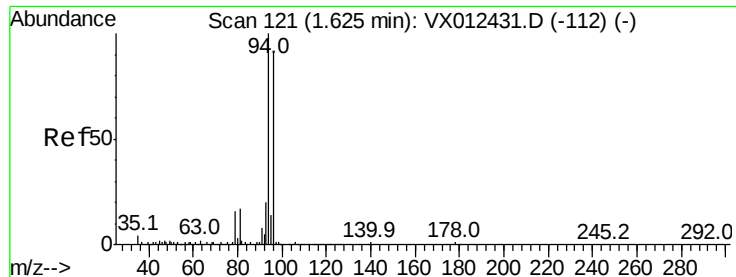
64 31.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 3.584 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

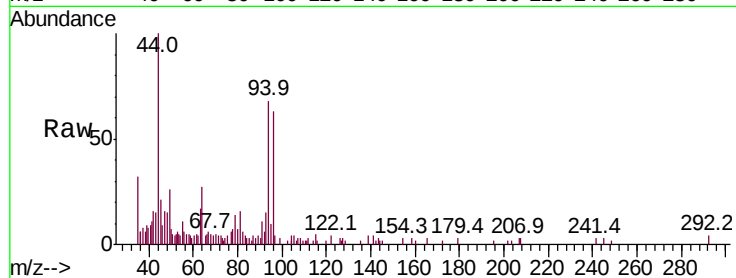
VSTDIC005

Tot Ion: 94 Resp: 1964

Ion Ratio Lower Upper

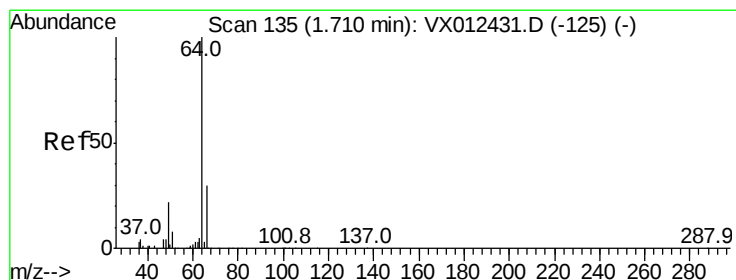
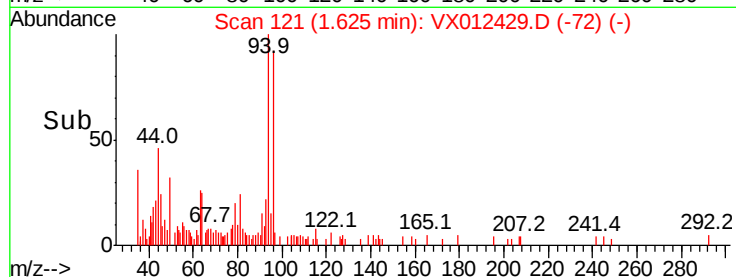
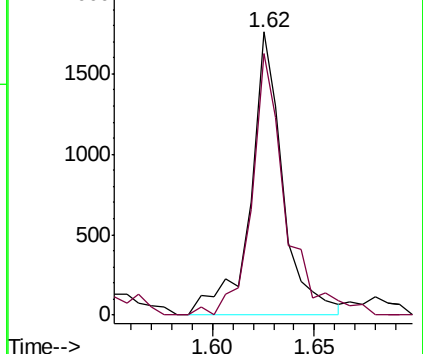
94 100

96 92.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.659 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012429.D

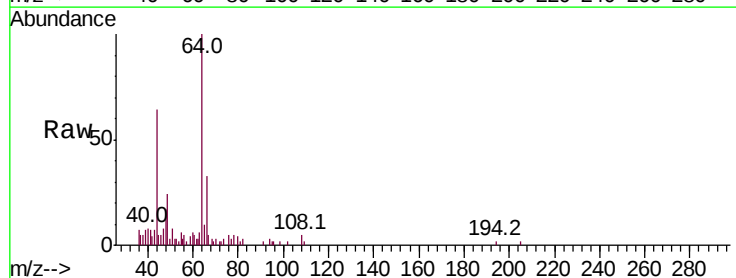
Acq: 17 Sep 2019 12:23

Tgt Ion: 64 Resp: 4058

Ion Ratio Lower Upper

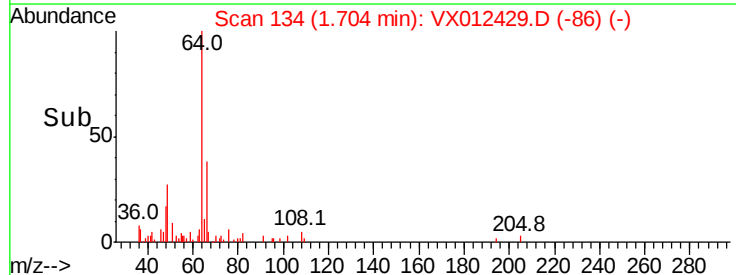
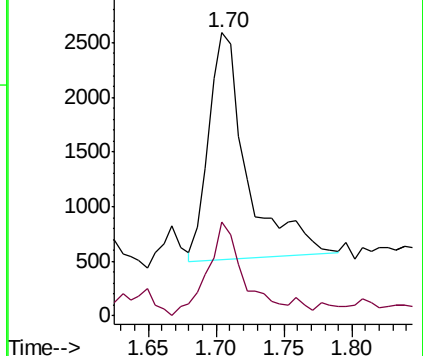
64 100

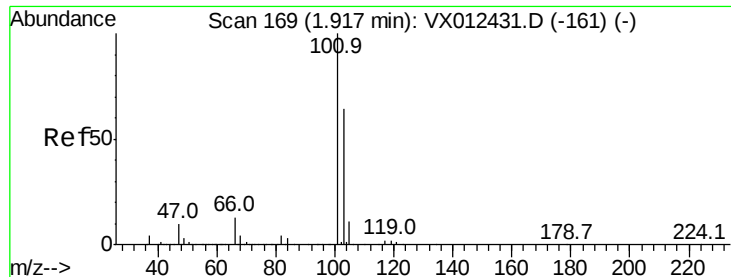
66 38.3 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



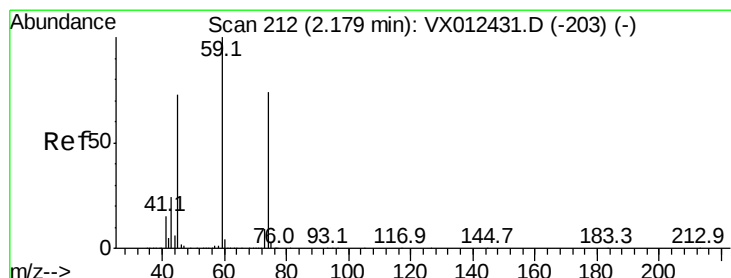
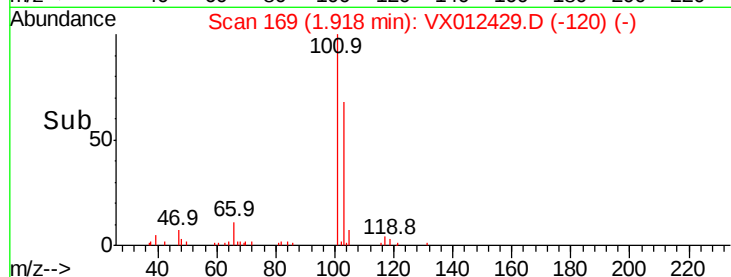
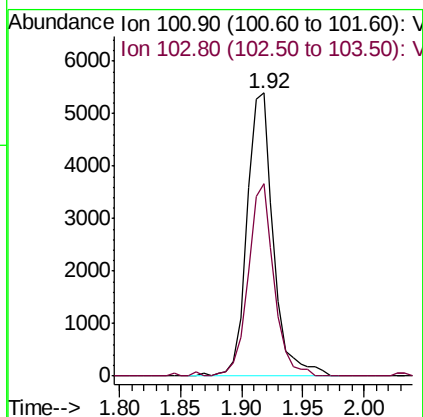
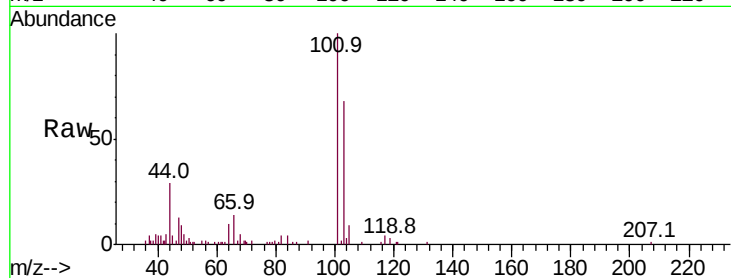


#7

Trichlorofluoromethane
Concen: 3.371 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

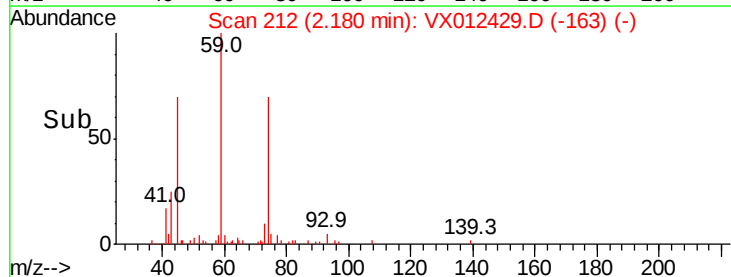
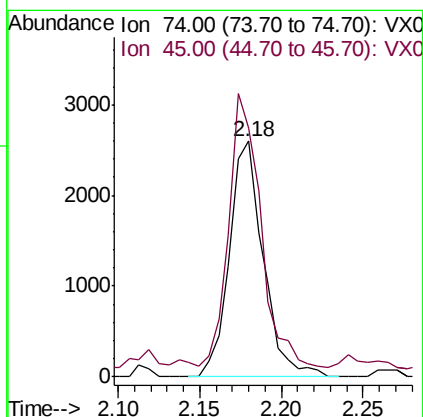
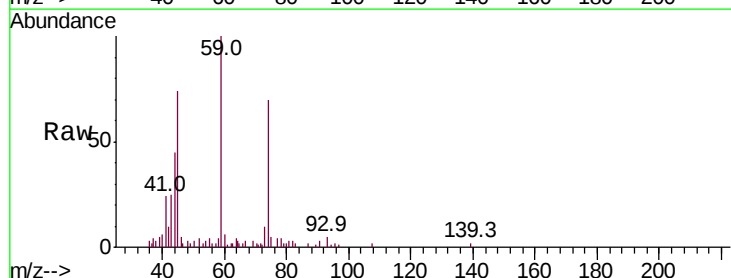
Tot Ion:101 Resp: 8072
Ion Ratio Lower Upper
101 100
103 68.0 51.0 76.4

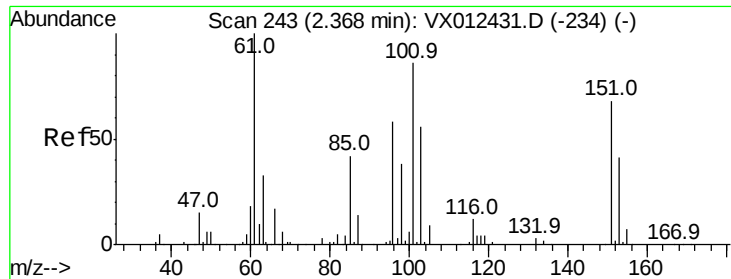


#8

Diethyl Ether
Concen: 3.550 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 74 Resp: 3752
Ion Ratio Lower Upper
74 100
45 108.8 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.491 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

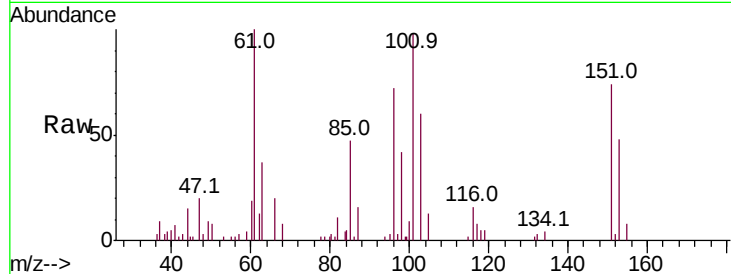
Tot Ion:101 Resp: 6024

Ion Ratio Lower Upper

101 100

85 48.9 37.3 55.9

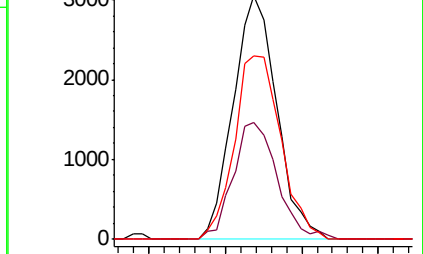
151 80.6 61.0 91.4



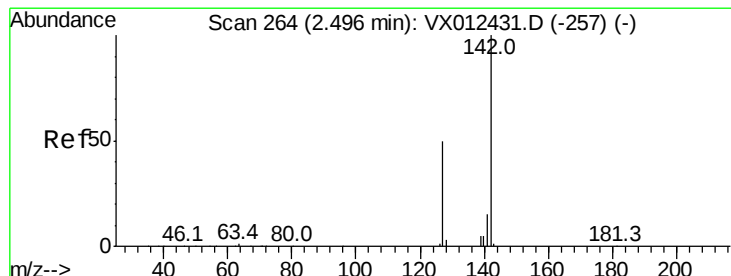
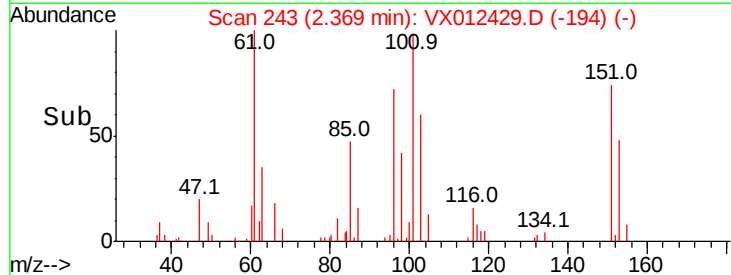
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 2.053 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

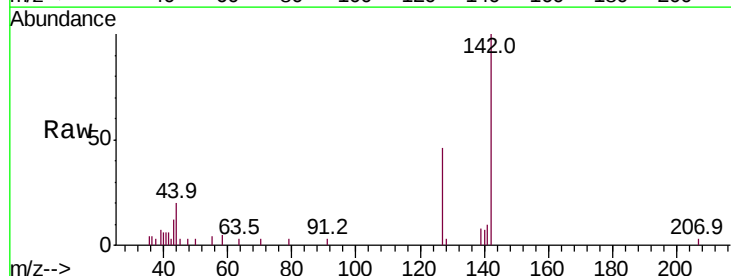
Tgt Ion:142 Resp: 3255

Ion Ratio Lower Upper

142 100

127 52.0 40.8 61.2

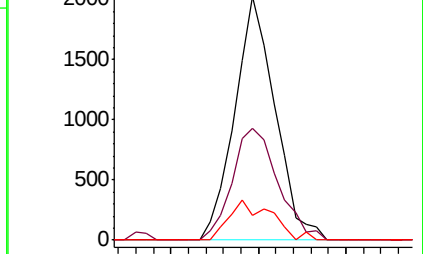
141 17.1 12.1 18.1



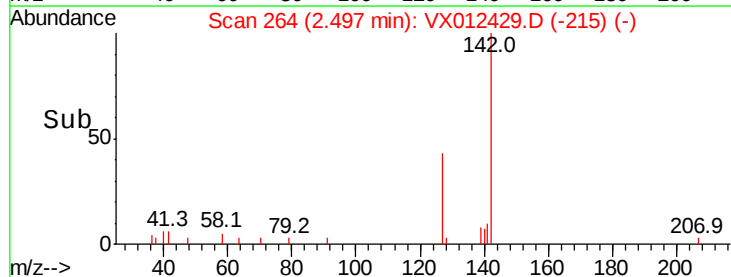
Abundance Ion 141.80 (141.50 to 142.50): V

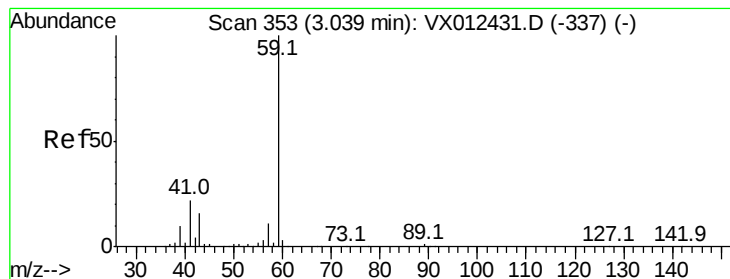
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



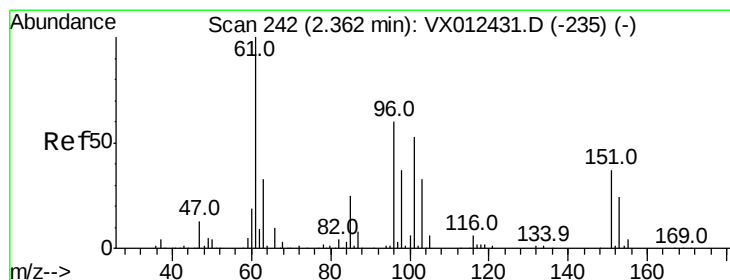
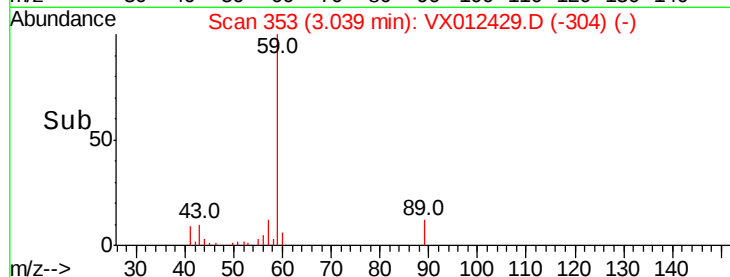
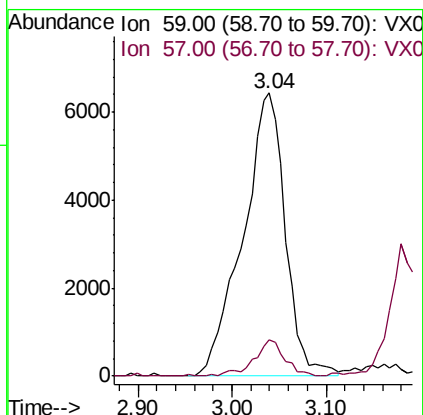
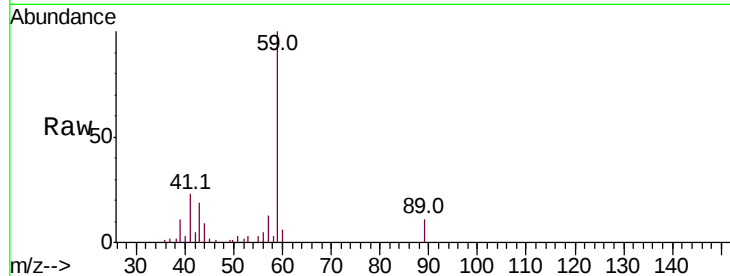


#11

Tert butyl alcohol
 Concen: 25.161 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

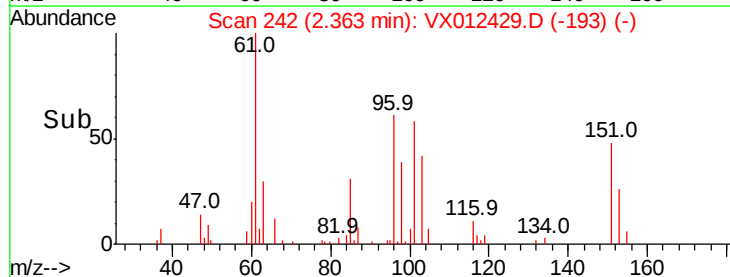
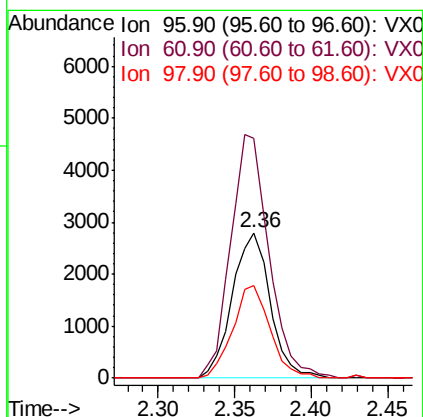
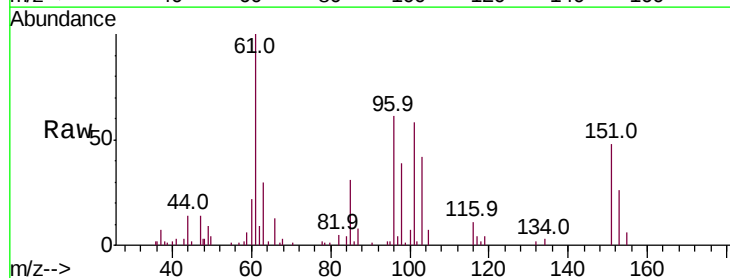
Tot Ion: 59 Resp: 20205
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.3 12.5

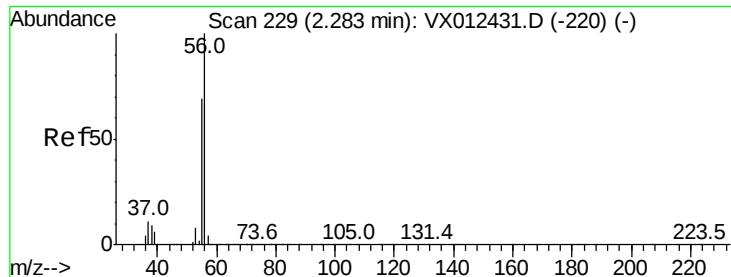


#12

1,1-Dichloroethene
 Concen: 3.555 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 96 Resp: 4822
 Ion Ratio Lower Upper
 96 100
 61 164.2 133.8 200.6
 98 63.6 49.9 74.9





#13

Acrolein

Concen: 23.967 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

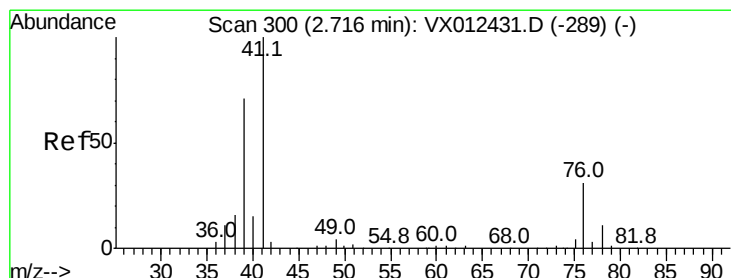
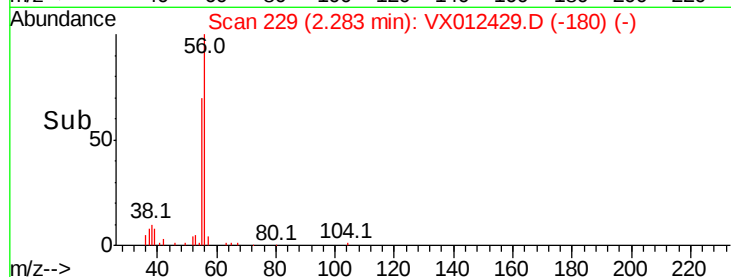
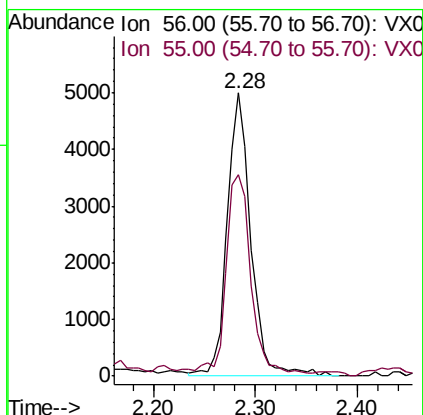
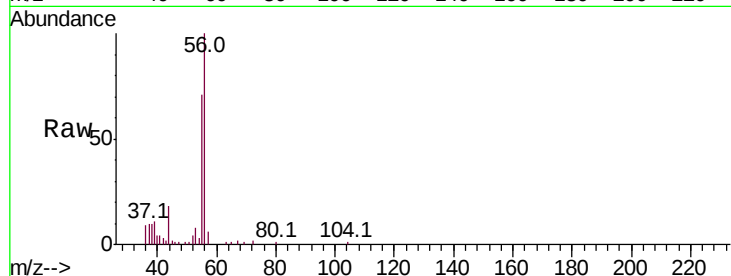
VSTDIC005

Tot Ion: 56 Resp: 8007

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8



#14

Allyl chloride

Concen: 3.824 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

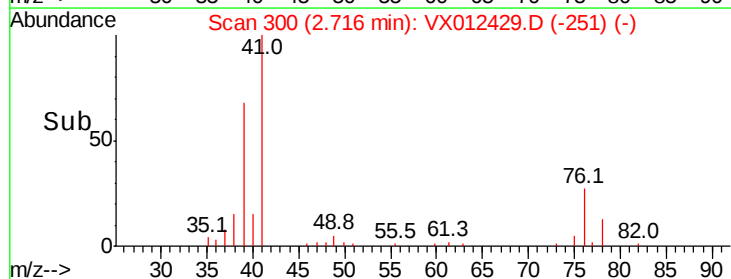
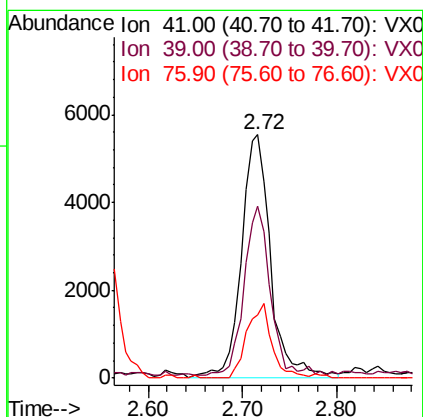
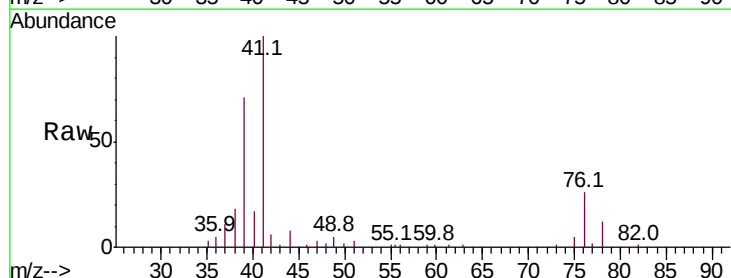
Tgt Ion: 41 Resp: 12046

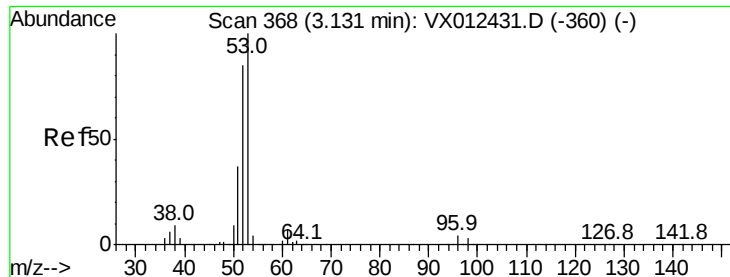
Ion Ratio Lower Upper

41 100

39 61.6 51.3 76.9

76 26.0 22.6 33.8





#15

Acrylonitrile

Concen: 19.283 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

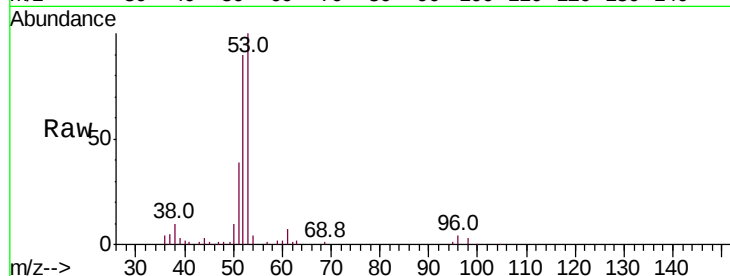
Tot Ion: 53 Resp: 25853

Ion Ratio Lower Upper

53 100

52 81.5 67.0 100.4

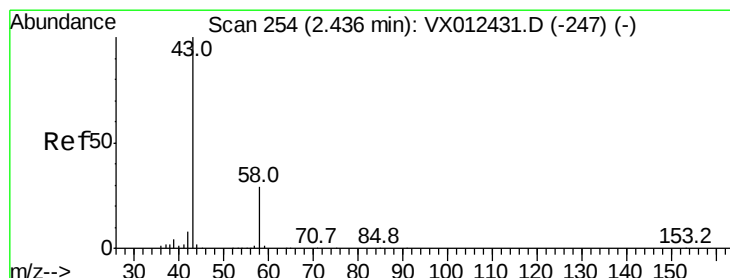
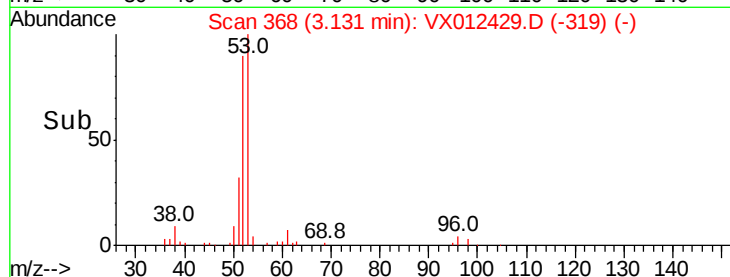
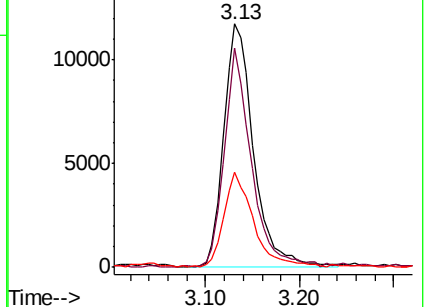
51 38.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 22.492 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012429.D

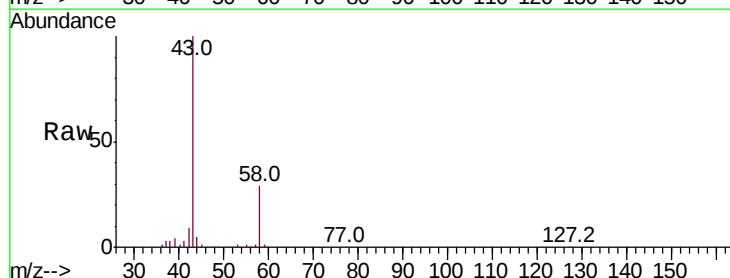
Acq: 17 Sep 2019 12:23

Tgt Ion: 43 Resp: 32890

Ion Ratio Lower Upper

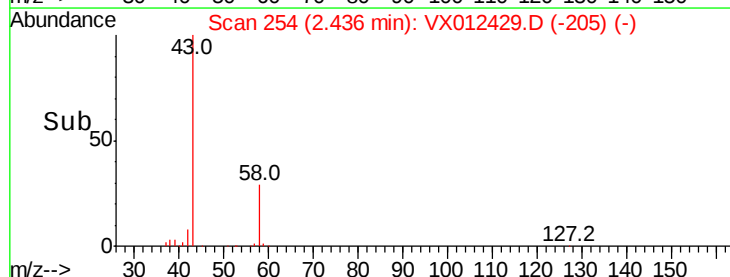
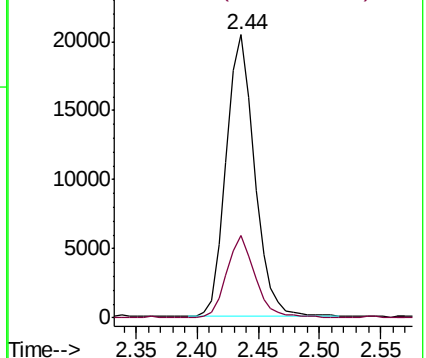
43 100

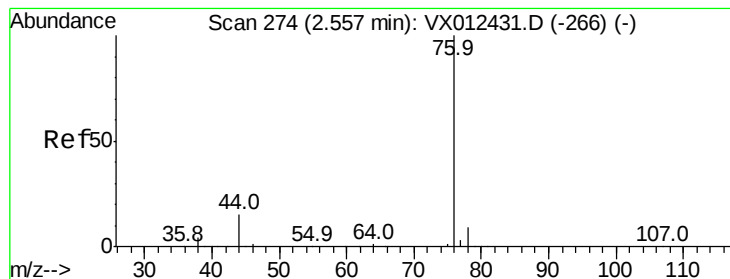
58 29.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.630 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

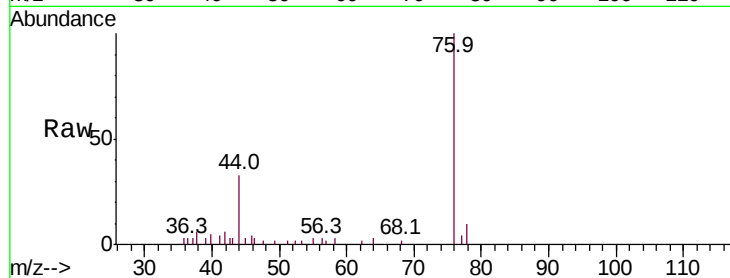
VSTDIC005

Tot Ion: 76 Resp: 4712

Ion Ratio Lower Upper

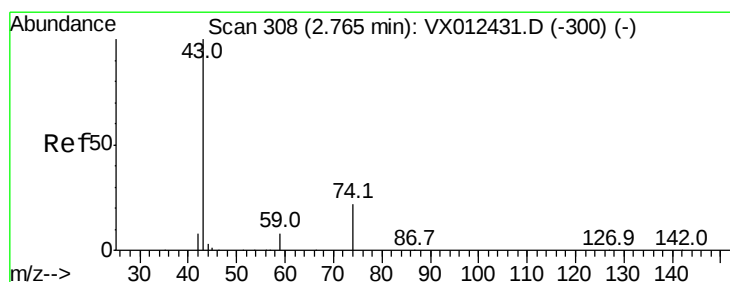
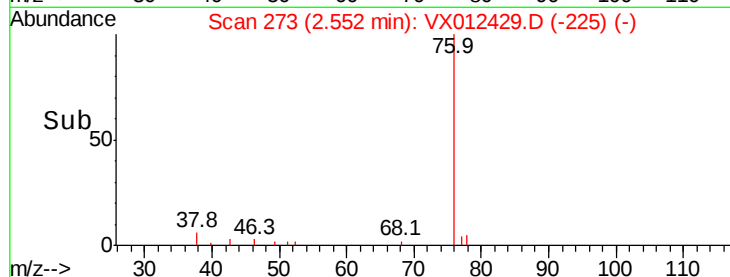
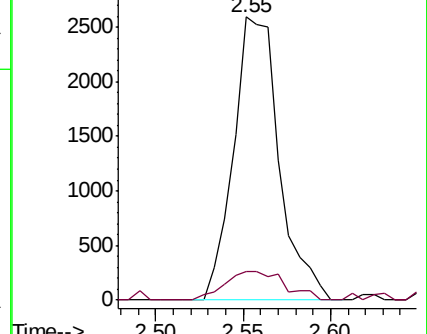
76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 3.715 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012429.D

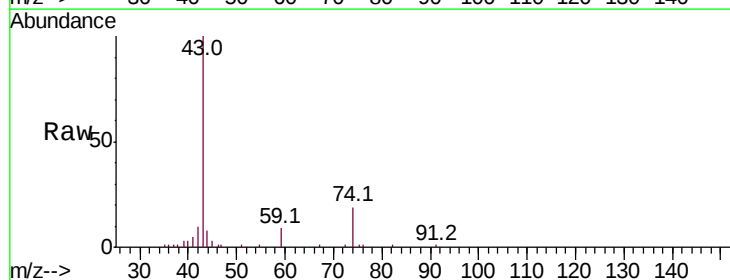
Acq: 17 Sep 2019 12:23

Tgt Ion: 43 Resp: 11942

Ion Ratio Lower Upper

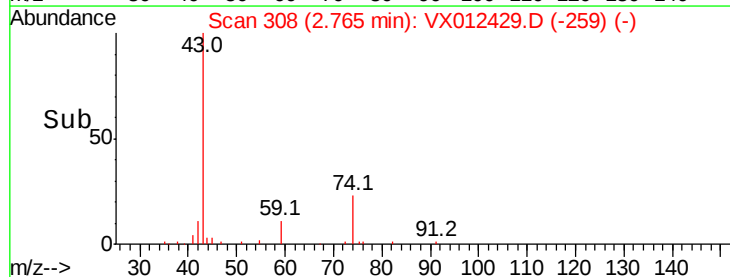
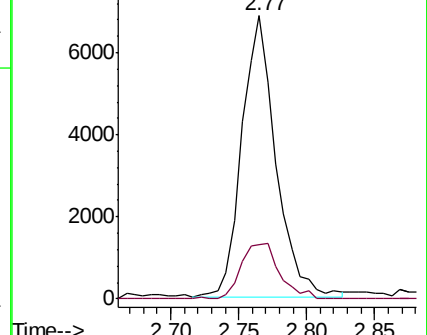
43 100

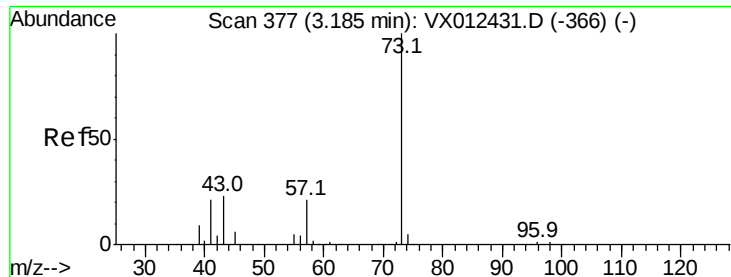
74 22.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



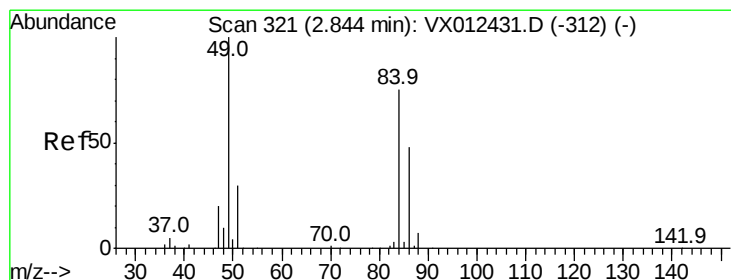
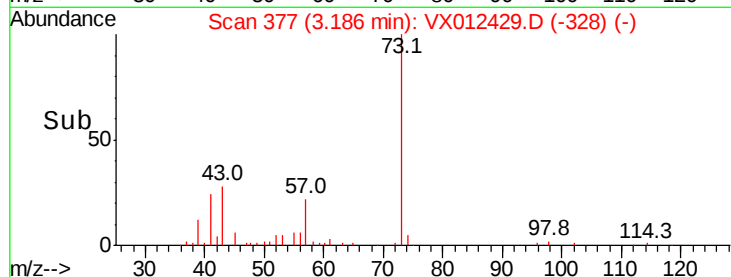
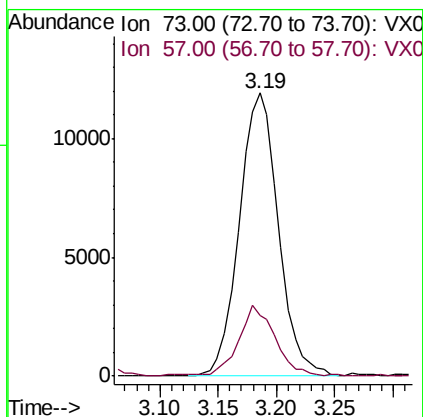
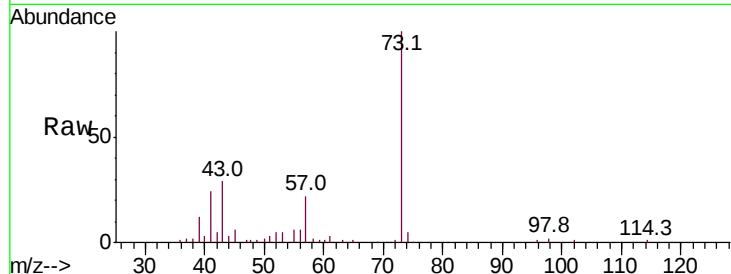


#19

Methyl tert-butyl Ether
 Concen: 3.770 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

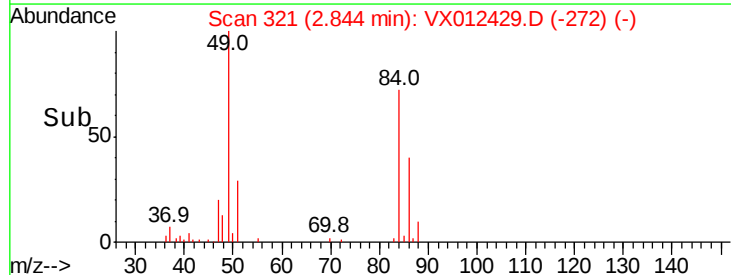
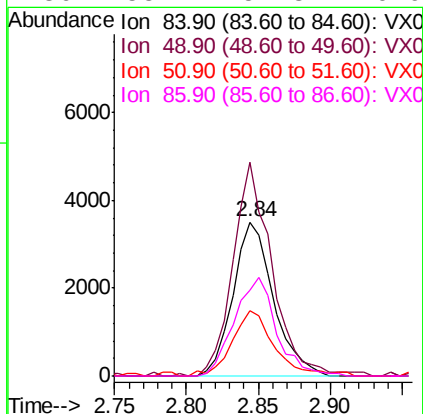
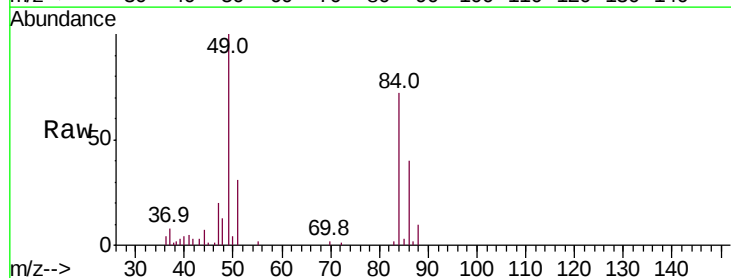
Tot Ion: 73 Resp: 27774
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.8 25.2

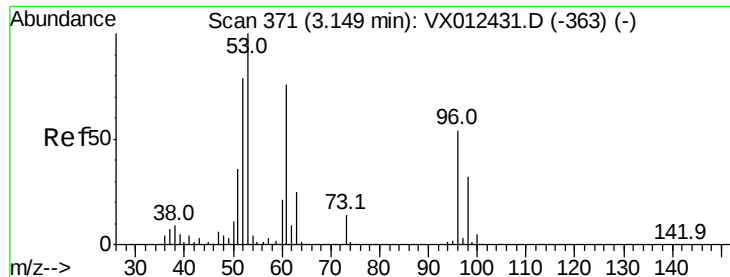


#20

Methylene Chloride
 Concen: 3.493 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 84 Resp: 6862
 Ion Ratio Lower Upper
 84 100
 49 138.7 106.8 160.2
 51 42.5 32.3 48.5
 86 55.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 3.286 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

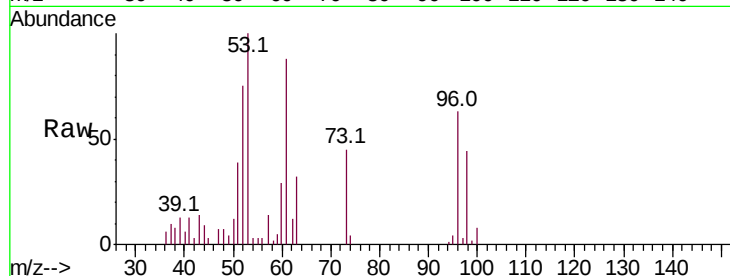
Tot Ion: 96 Resp: 4792

Ion Ratio Lower Upper

96 100

61 139.7 112.0 168.0

98 70.3 47.8 71.8

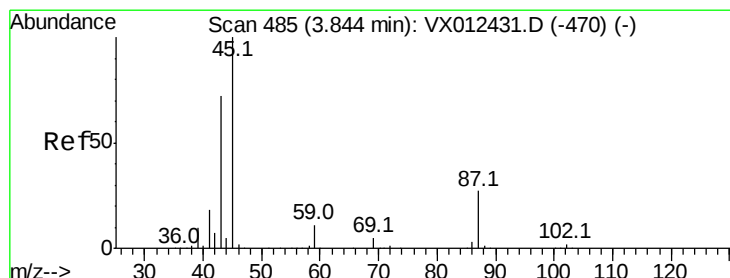
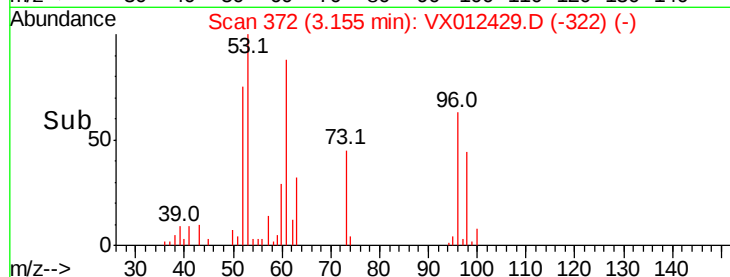
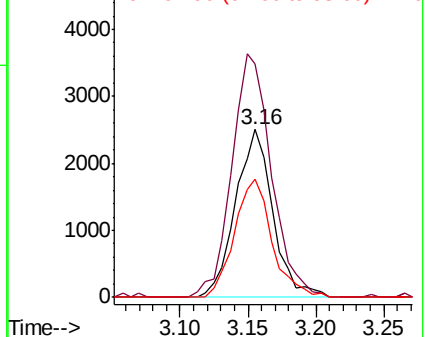


Abundance

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: 3.829 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion: 45 Resp: 27688

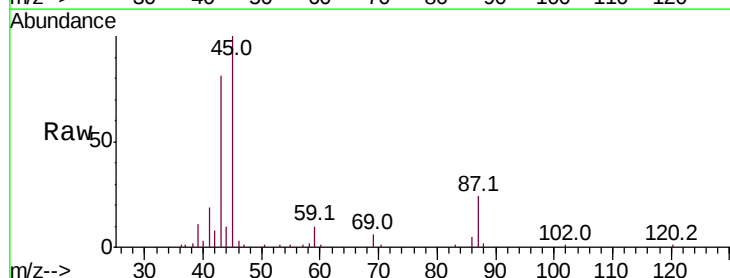
Ion Ratio Lower Upper

45 100

43 79.6 57.8 86.8

87 24.4 21.3 31.9

59 10.1 8.5 12.7



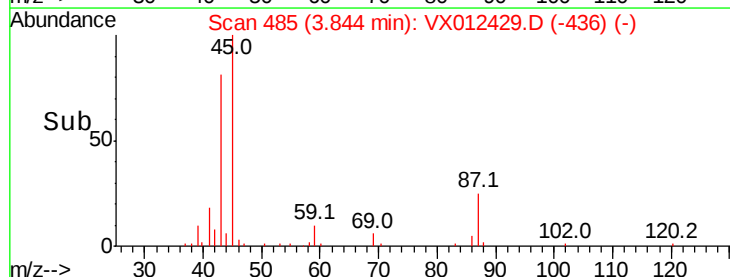
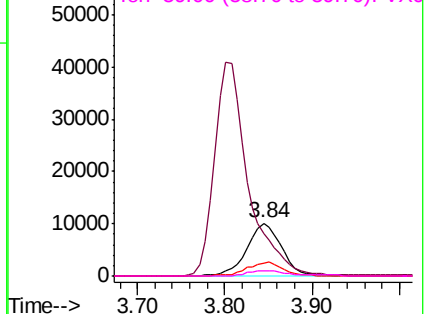
Abundance

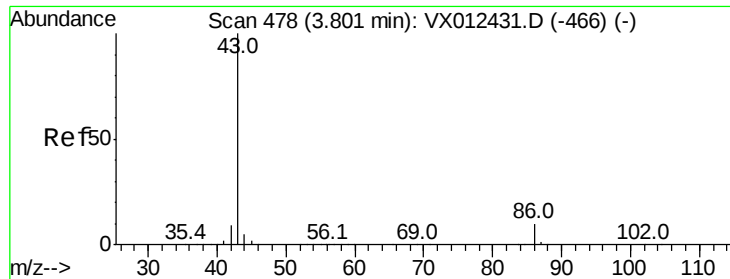
Ion 45.00 (44.70 to 45.70): VX0

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: 18.429 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

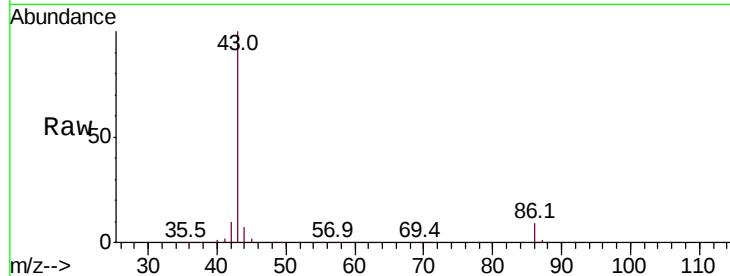
VSTDIC005

Tot Ion: 43 Resp: 109919

Ion Ratio Lower Upper

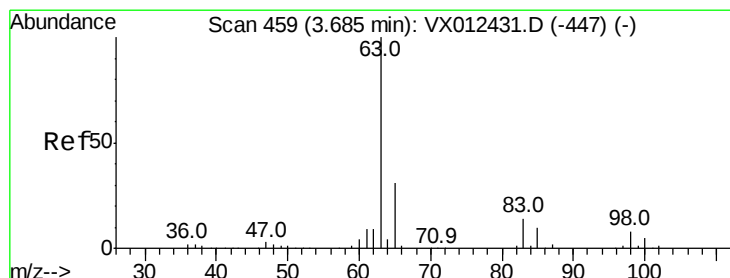
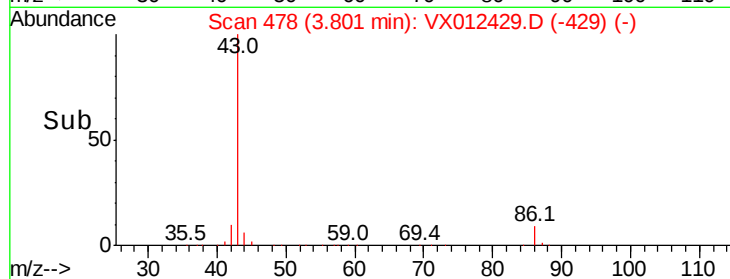
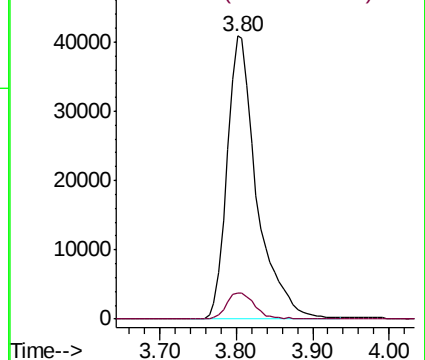
43 100

86 9.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 3.658 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

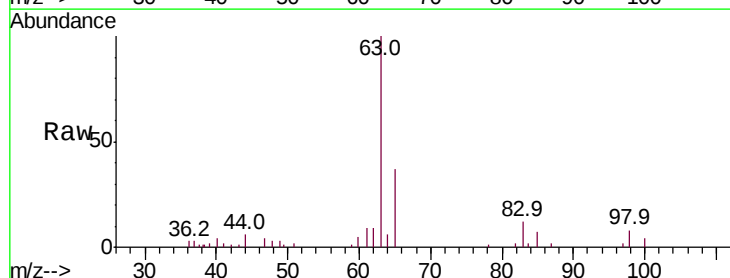
Tgt Ion: 63 Resp: 13248

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

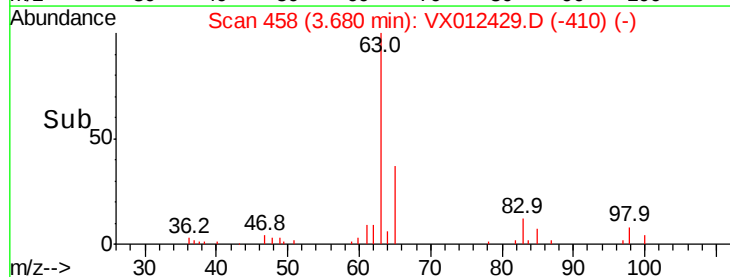
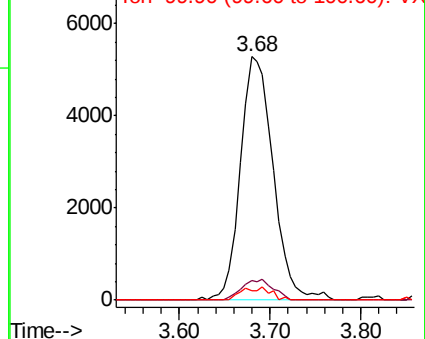
100 3.8 2.3 6.9

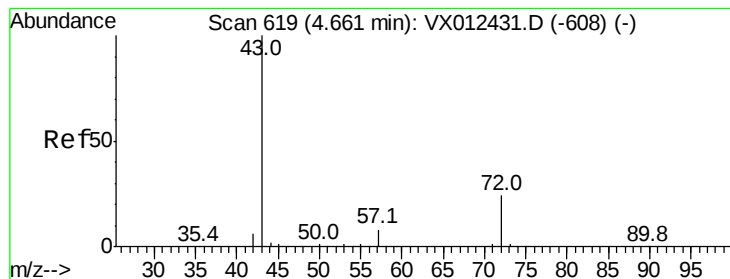


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 20.608 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

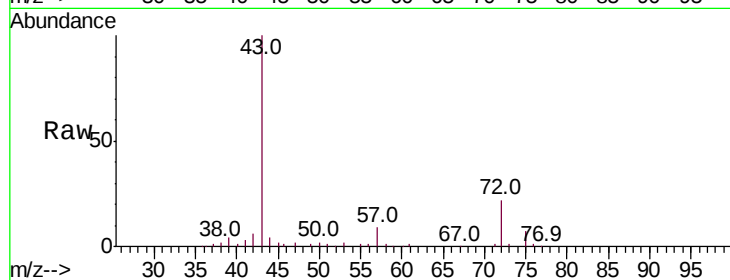
VSTDIC005

Tot Ion: 43 Resp: 42537

Ion Ratio Lower Upper

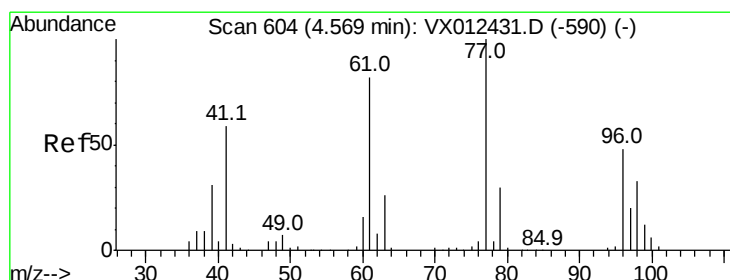
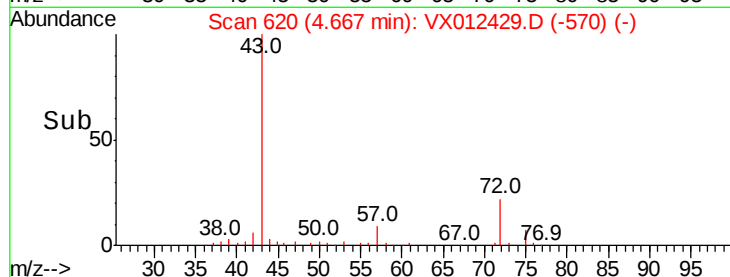
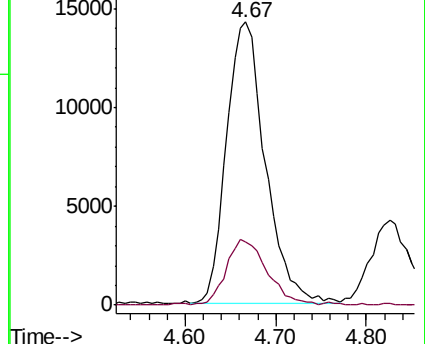
43 100

72 22.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 3.684 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012429.D

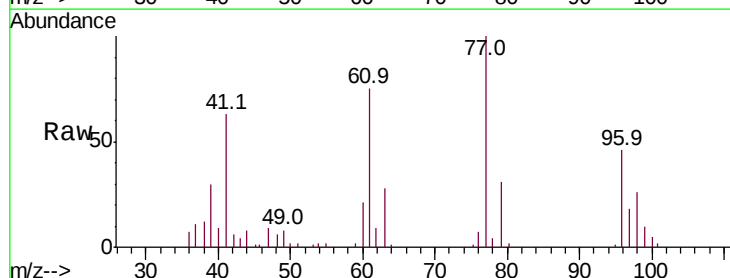
Acq: 17 Sep 2019 12:23

Tgt Ion: 77 Resp: 12735

Ion Ratio Lower Upper

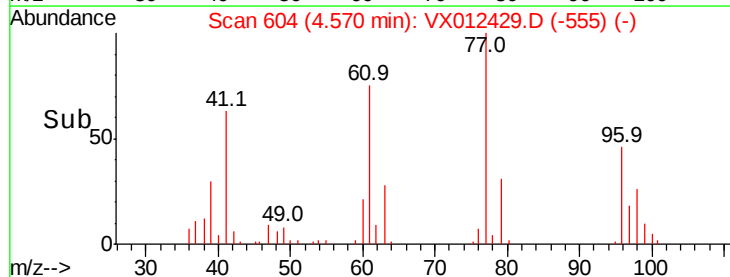
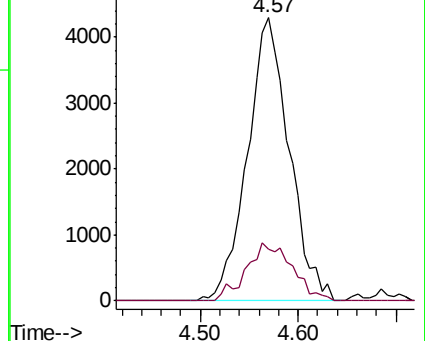
77 100

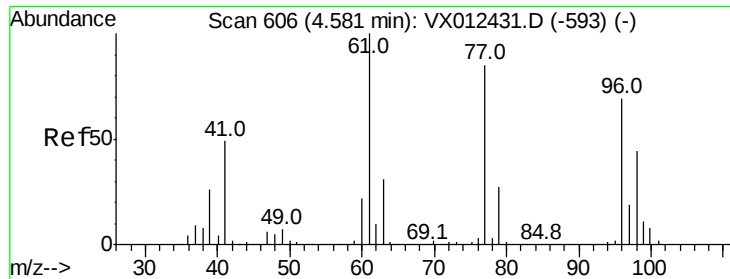
97 22.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

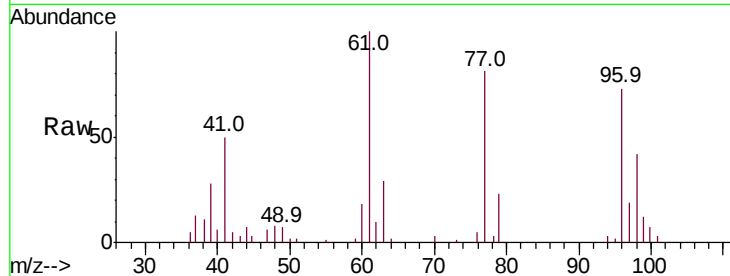




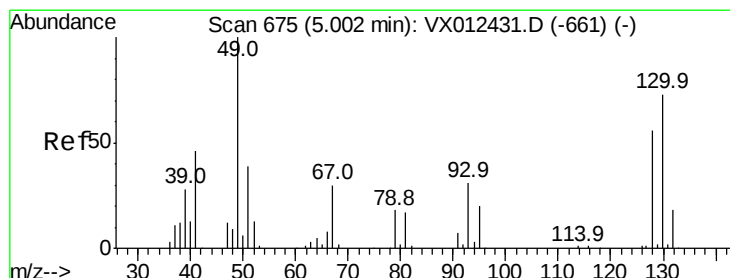
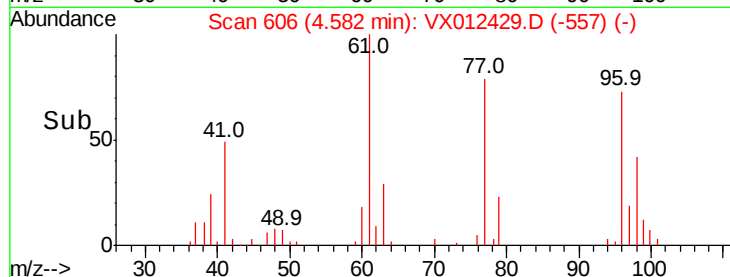
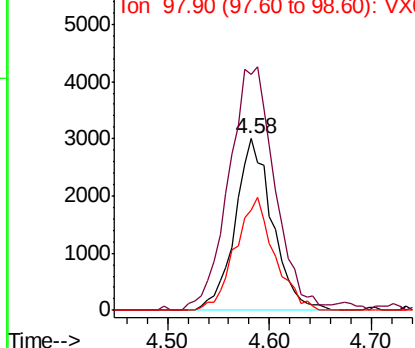
#27
 cis-1,2-Dichloroethene
 Concen: 3.551 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 96 Resp: 7612
 Ion Ratio Lower Upper
 96 100
 61 175.0 0.0 319.4
 98 68.7 0.0 130.6

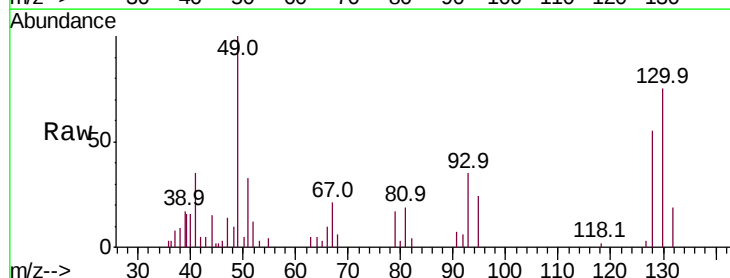


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

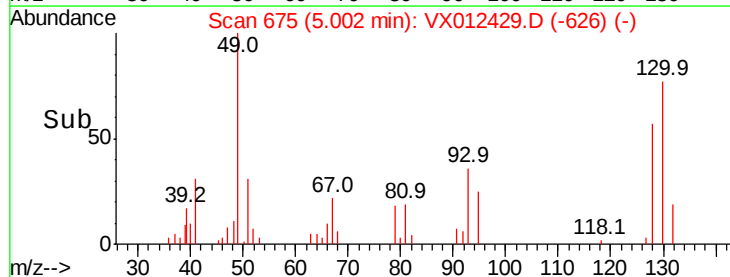
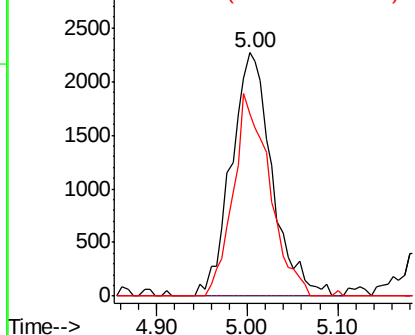


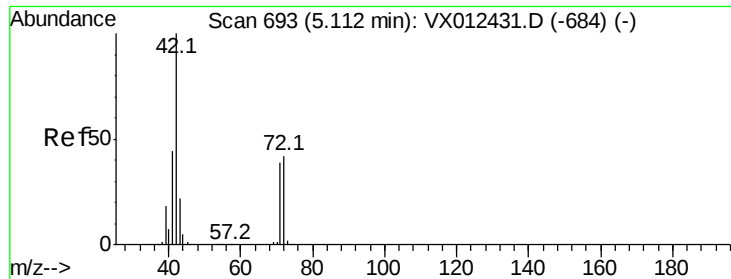
#28
 Bromochloromethane
 Concen: 3.837 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 49 Resp: 7092
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 73.7 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

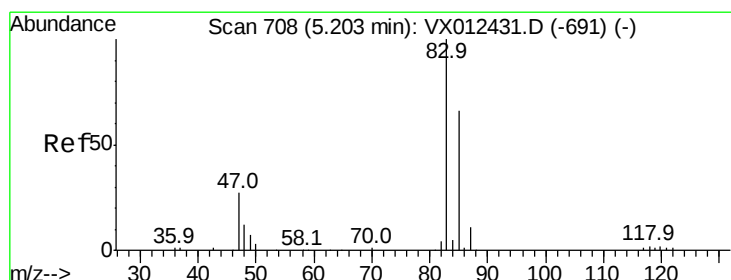
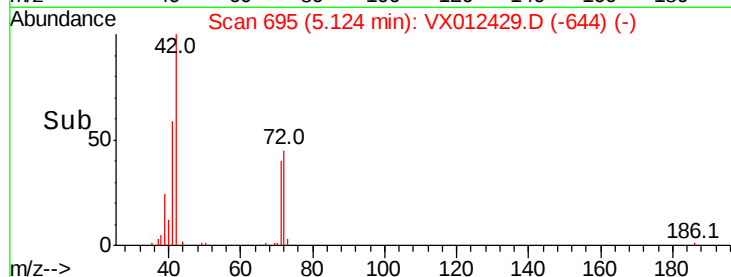
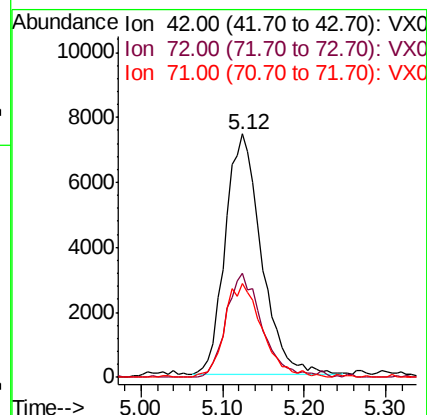
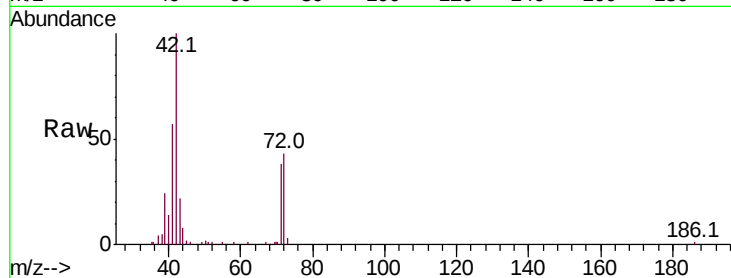




#29
Tetrahydrofuran
Concen: 19.021 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

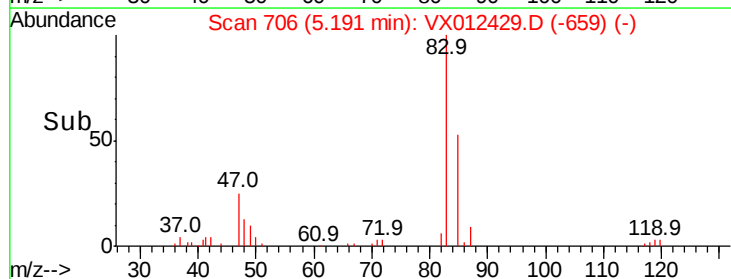
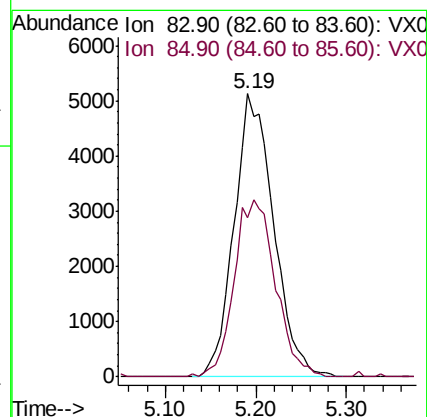
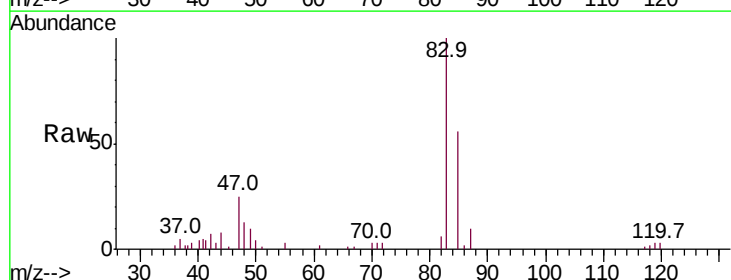
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

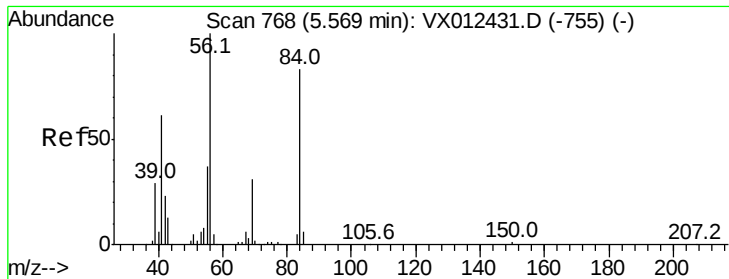
Tot Ion: 42 Resp: 22708
Ion Ratio Lower Upper
42 100
72 43.0 34.0 51.0
71 40.6 31.5 47.3



#30
Chloroform
Concen: 3.708 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 83 Resp: 15477
Ion Ratio Lower Upper
83 100
85 56.1 53.0 79.4

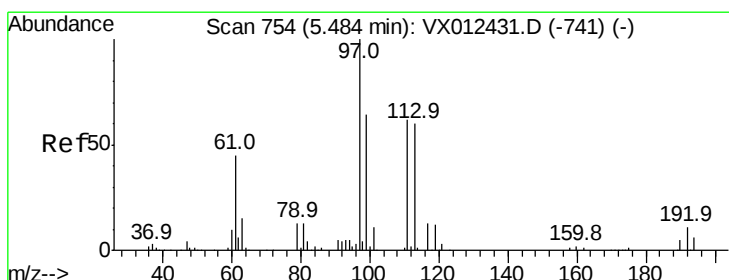
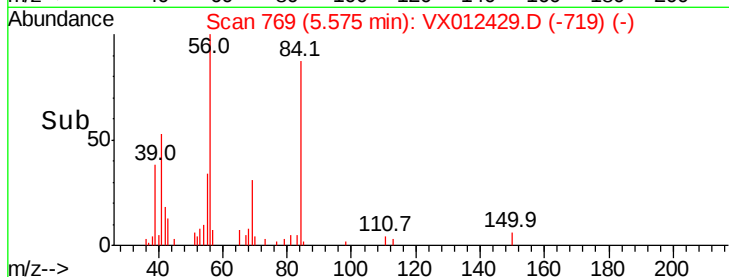
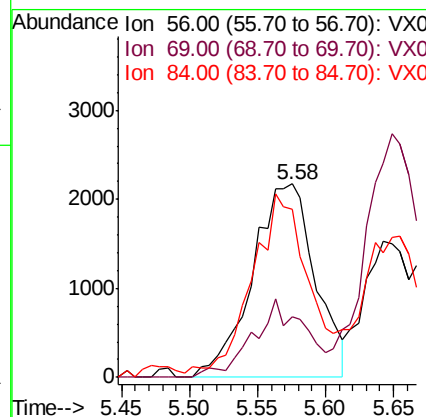
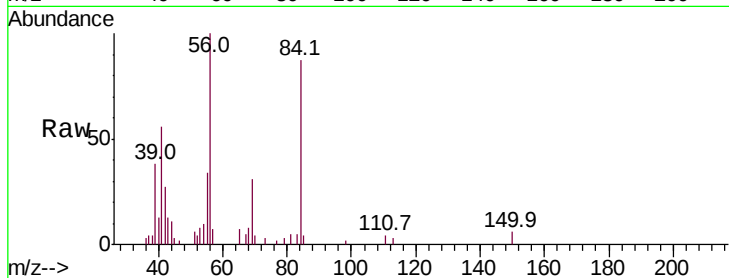




#31
Cyclohexane
Concen: 3.227 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

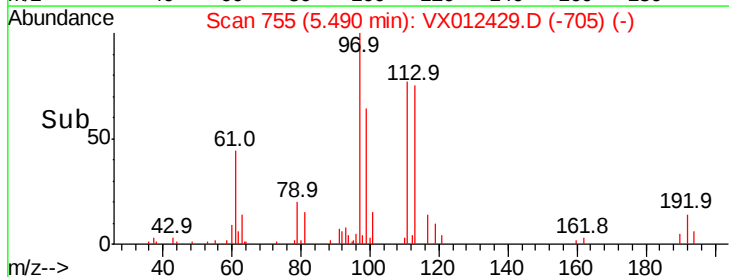
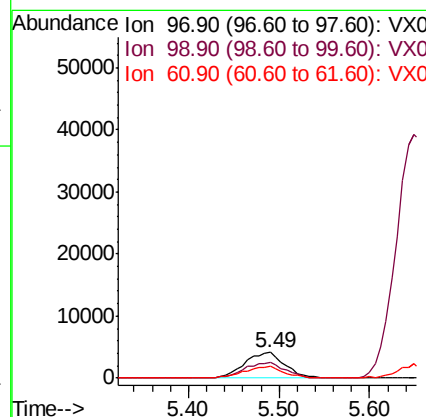
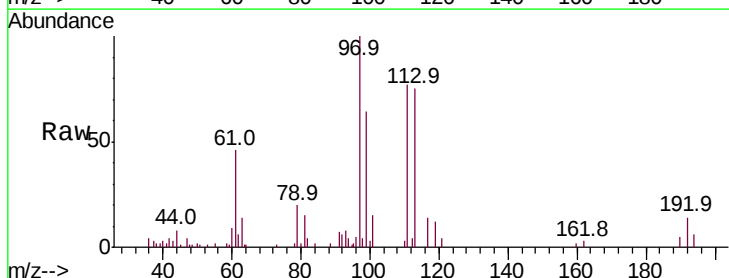
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

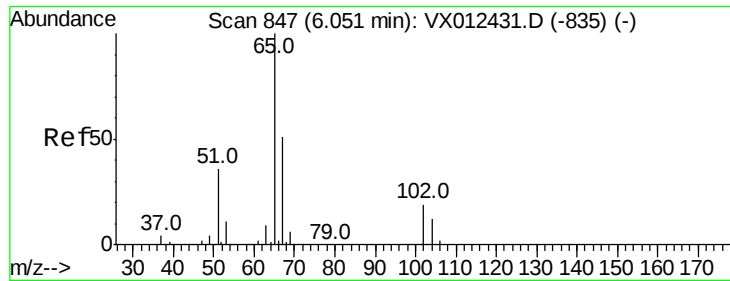
Tot Ion: 56 Resp: 7008
Ion Ratio Lower Upper
56 100
69 31.3 25.0 37.6
84 81.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 3.679 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 97 Resp: 12721
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 44.5 36.1 54.1

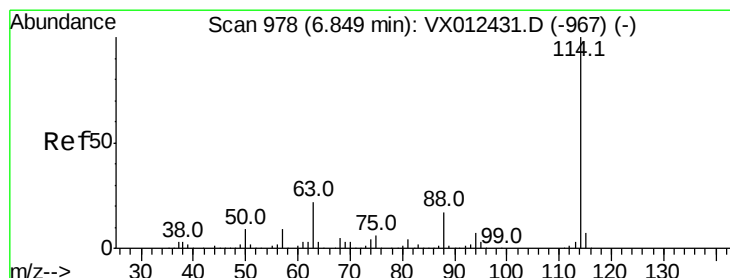
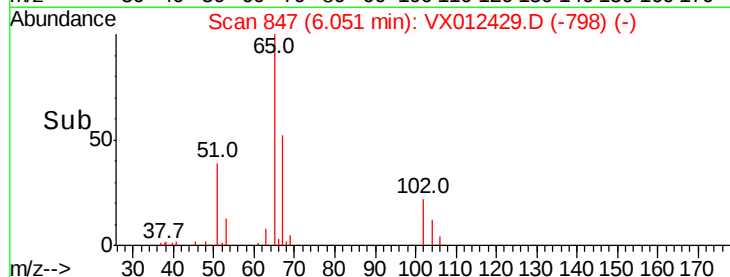
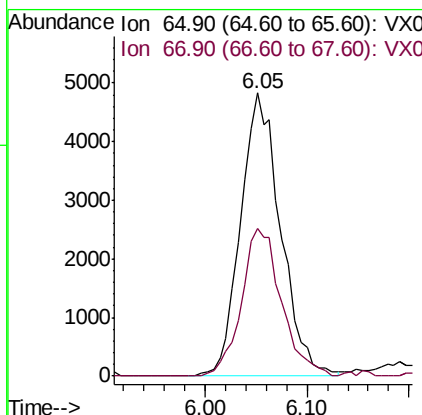
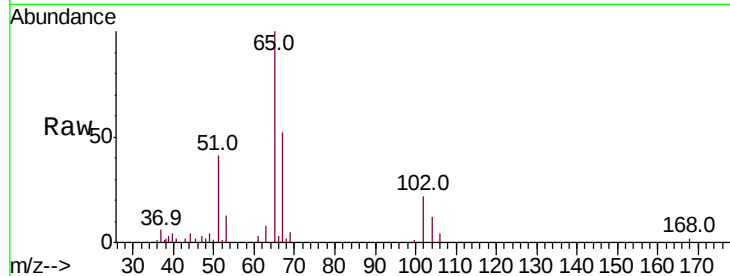




#33
 1,2-Dichloroethane-d4
 Concen: 4.197 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

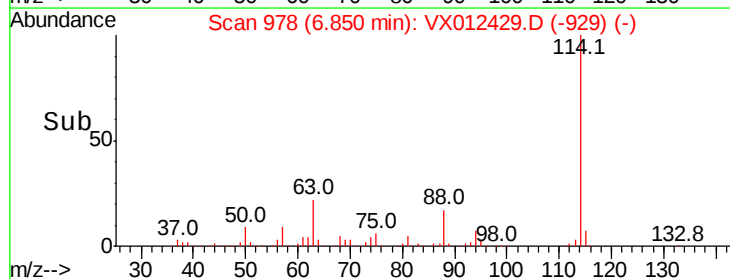
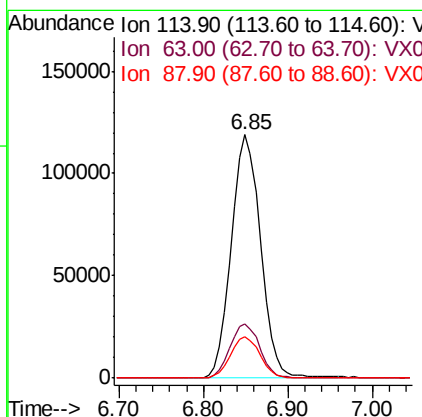
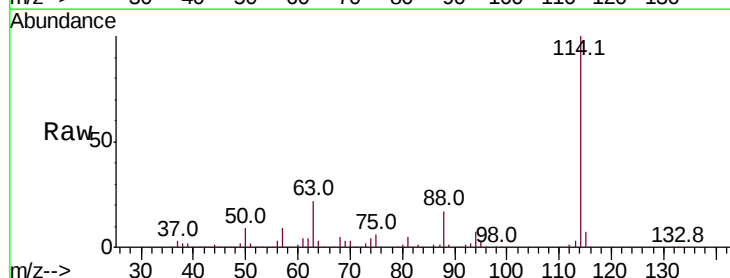
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

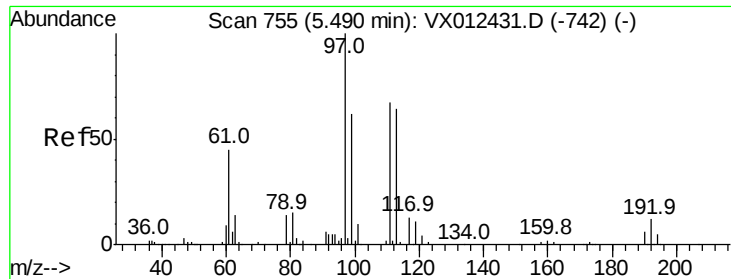
Tot Ion: 65 Resp: 13114
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 114 Resp: 280717
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 17.1 0.0 33.2

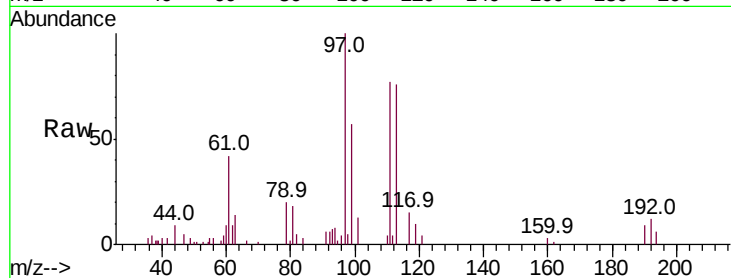




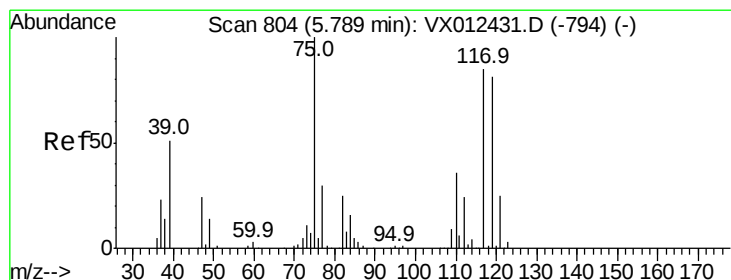
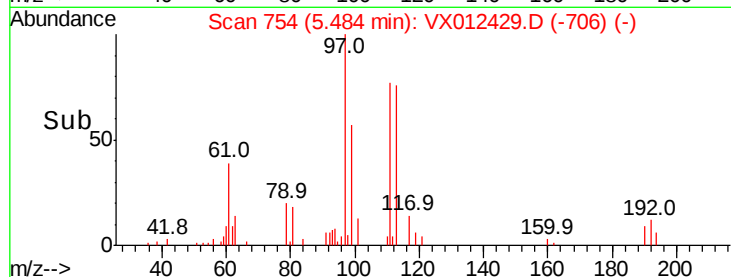
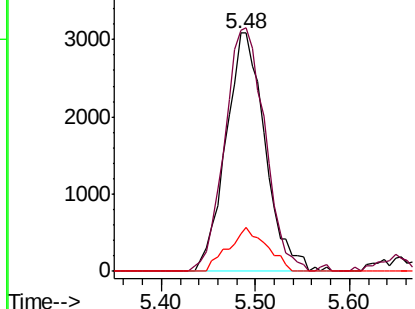
#35
 Dibromofluoromethane
 Concen: 3.594 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:113 Resp: 8943
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.2
 192 17.9 14.4 21.6

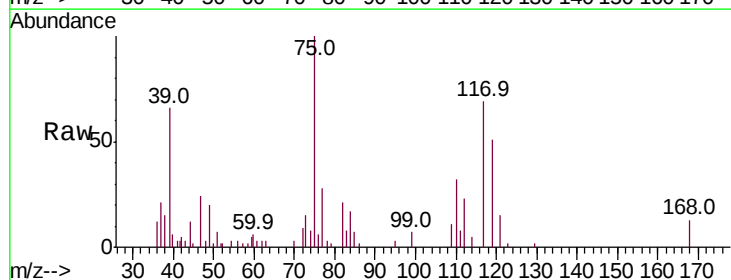


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

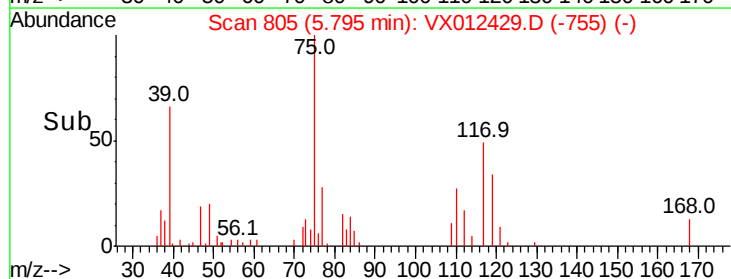
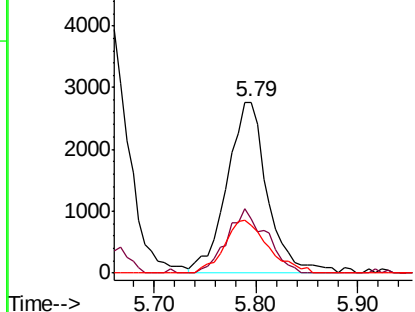


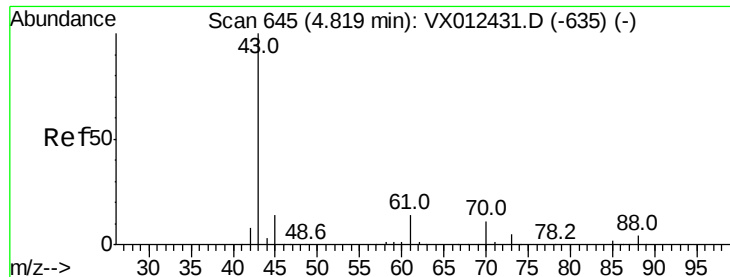
#36
 1,1-Dichloropropene
 Concen: 3.102 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 75 Resp: 7597
 Ion Ratio Lower Upper
 75 100
 110 36.8 16.7 50.0
 77 33.4 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

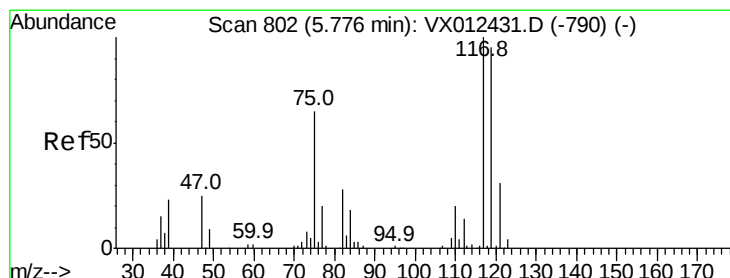
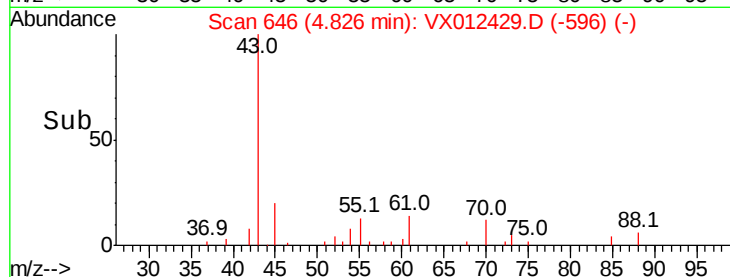
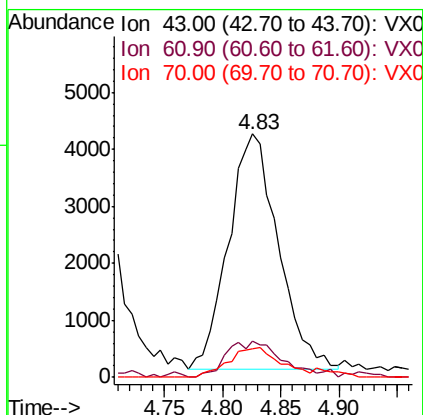
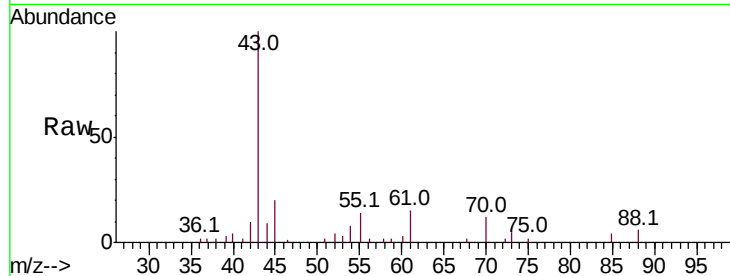




#37
Ethyl Acetate
Concen: 3.281 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

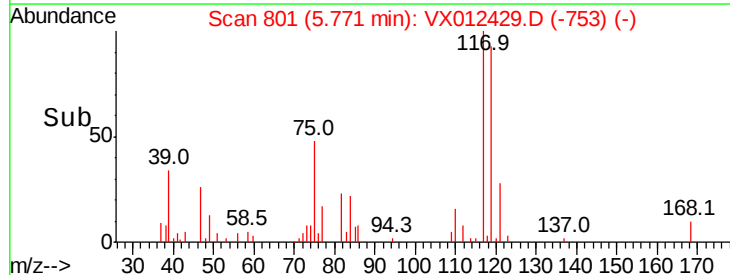
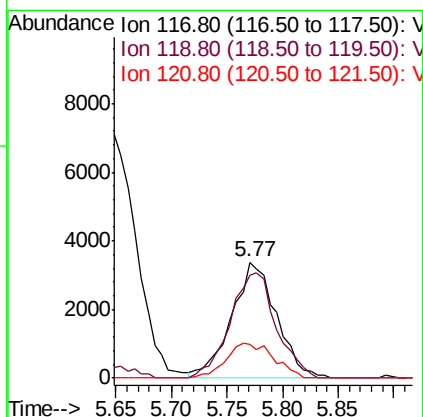
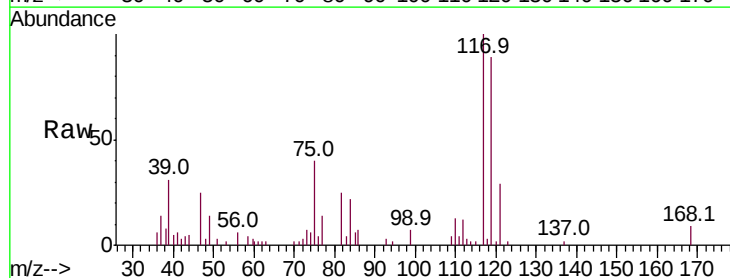
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

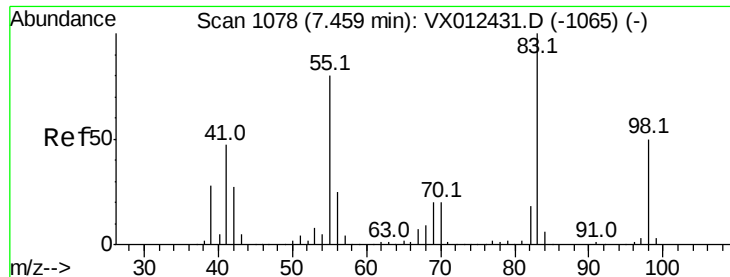
Tot Ion: 43 Resp: 12366
Ion Ratio Lower Upper
43 100
61 6.9 10.2 15.4#
70 13.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 3.186 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 117 Resp: 9445
Ion Ratio Lower Upper
117 100
119 89.4 75.7 113.5
121 28.9 24.2 36.4

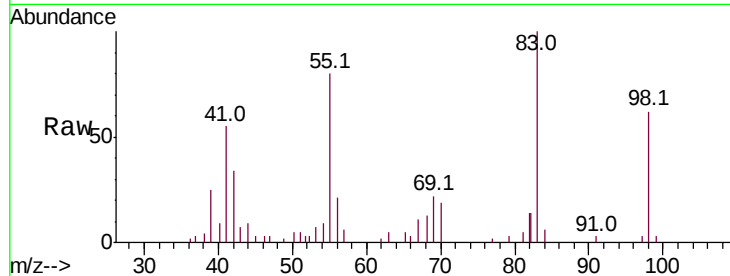




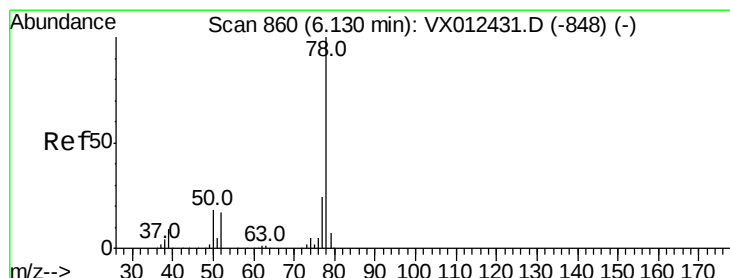
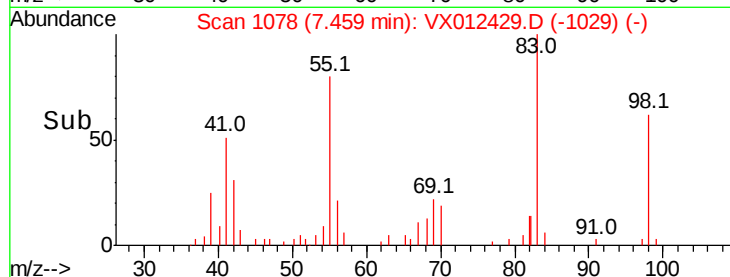
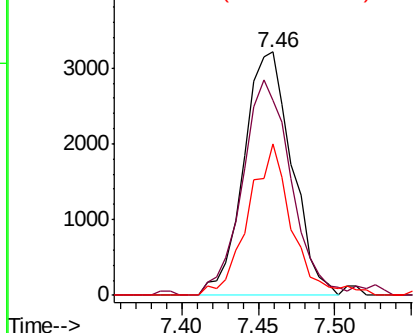
#39
Methvlcvclohexane
Concen: 3.006 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 7035
Ion Ratio Lower Upper
83 100
55 79.9 64.4 96.6
98 62.2 40.1 60.1#

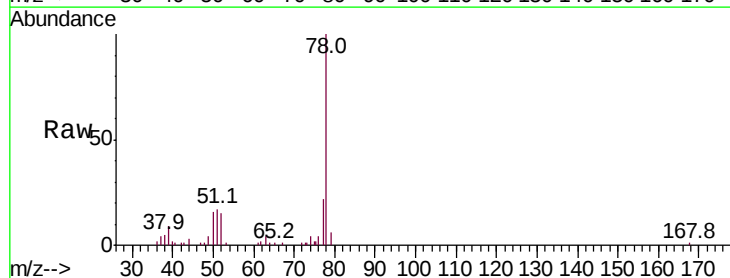


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

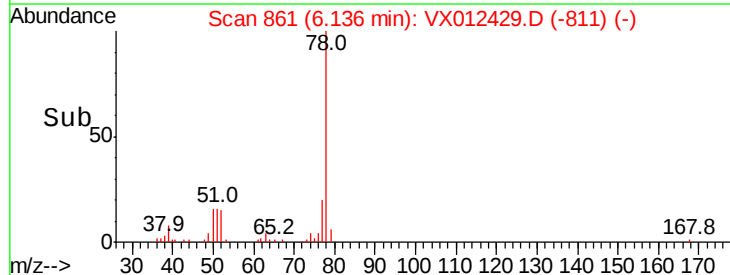
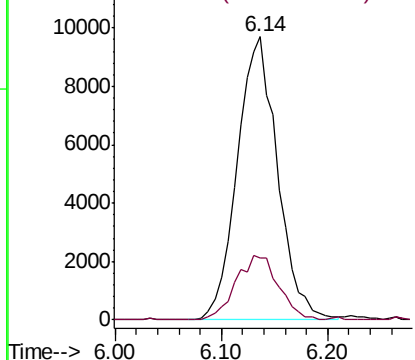


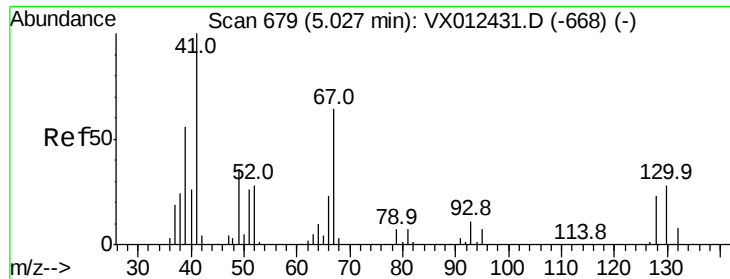
#40
Benzene
Concen: 3.430 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 78 Resp: 25723
Ion Ratio Lower Upper
78 100
77 22.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

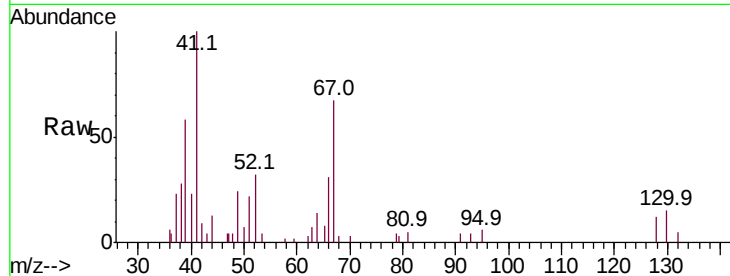




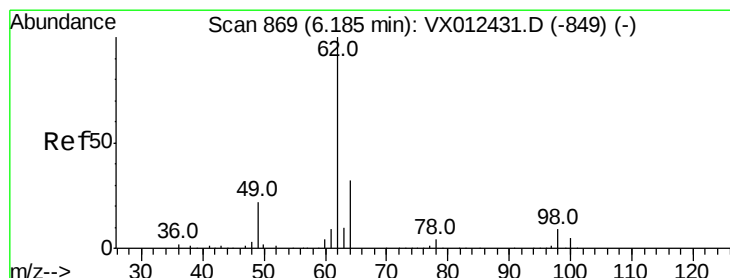
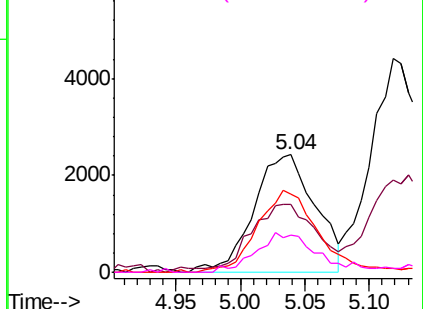
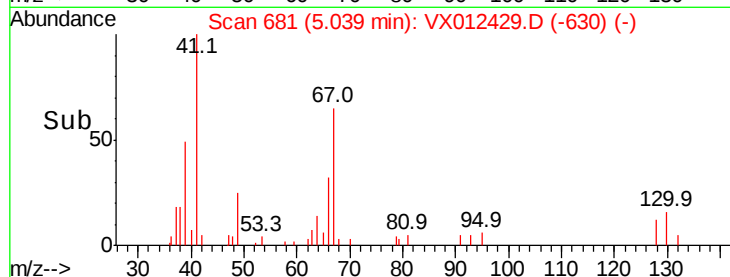
#41
Methacrylonitrile
Concen: 3.742 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	8036
Ion	Ratio	Lower	Upper
41	100		
39	63.0	46.0	69.0
67	68.7	52.2	78.2
52	33.0	22.7	34.1

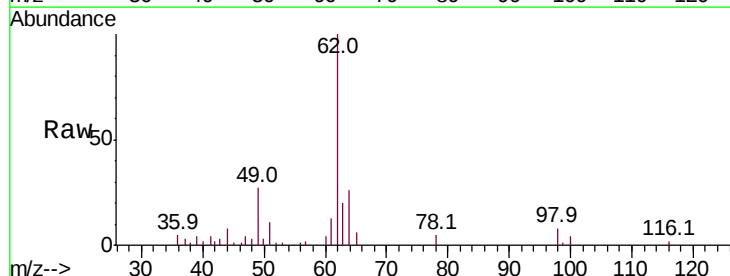


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

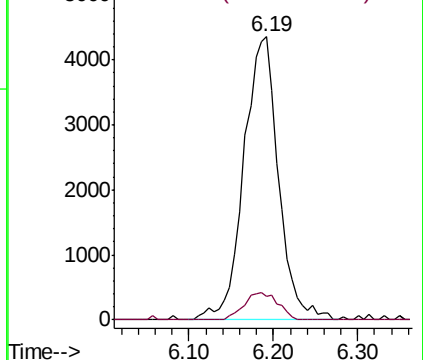
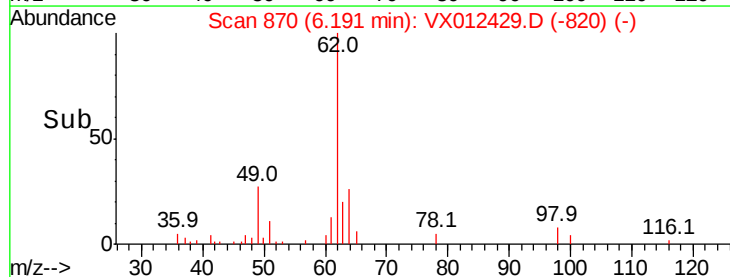


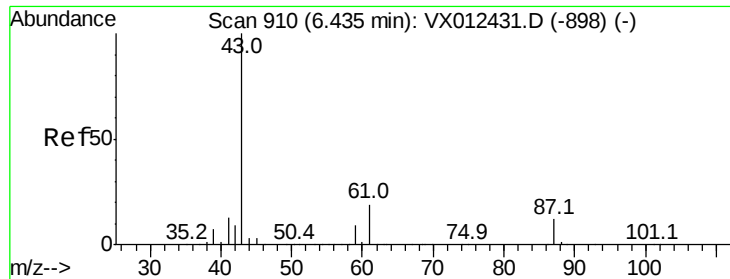
#42
1,2-Dichloroethane
Concen: 3.556 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:	62	Resp:	12179
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 3.426 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

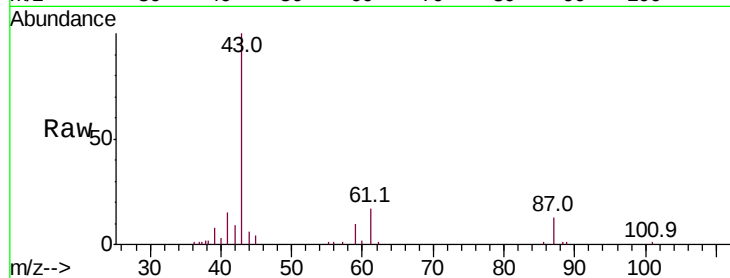
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 22210

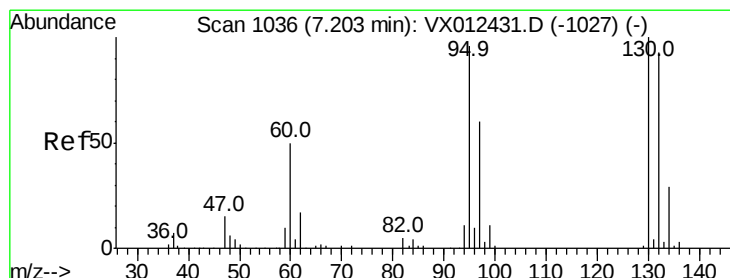
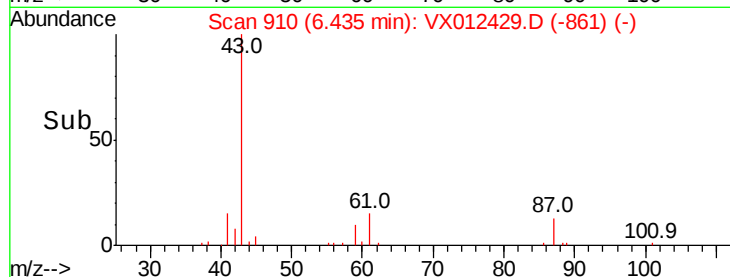
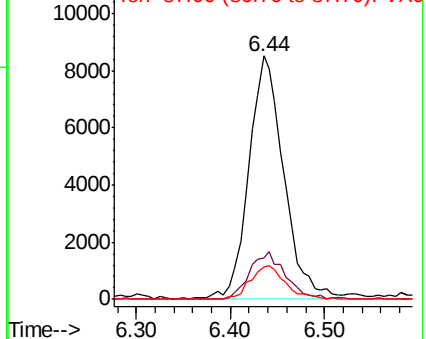
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.9	9.8	14.8



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: 3.370 ug/l

RT: 7.21 min Scan# 1037

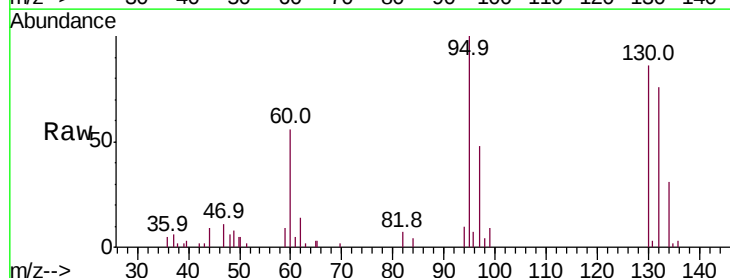
Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

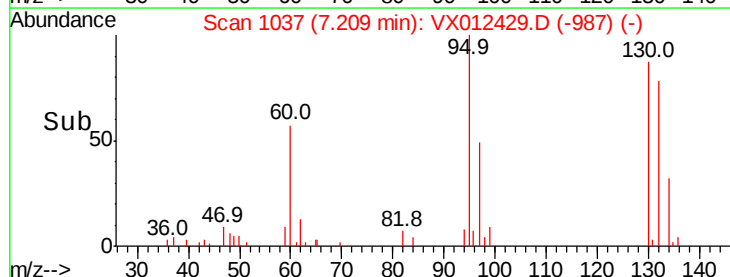
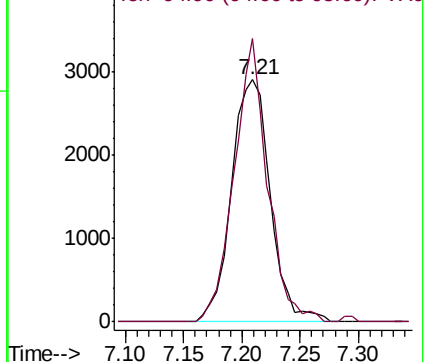
Tgt Ion:130 Resp: 6785

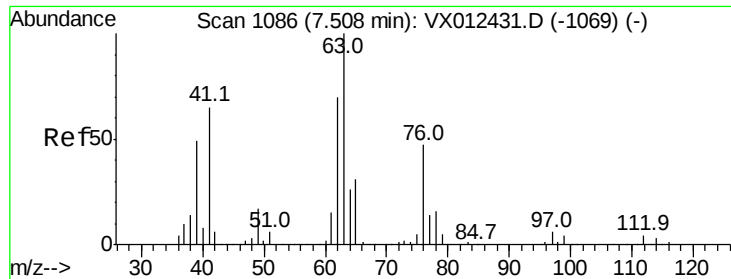
Ion	Ratio	Lower	Upper
130	100		
95	116.9	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 3.426 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

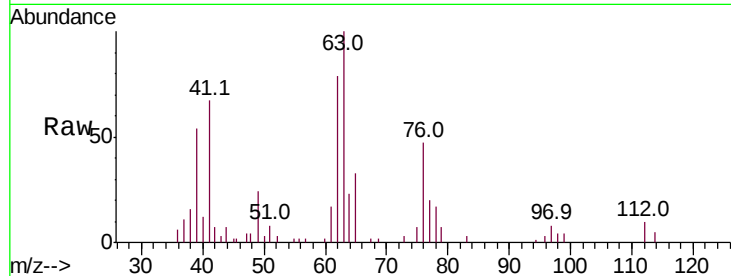
VSTDIC005

Tot Ion: 63 Resp: 7903

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

4000

3000

2000

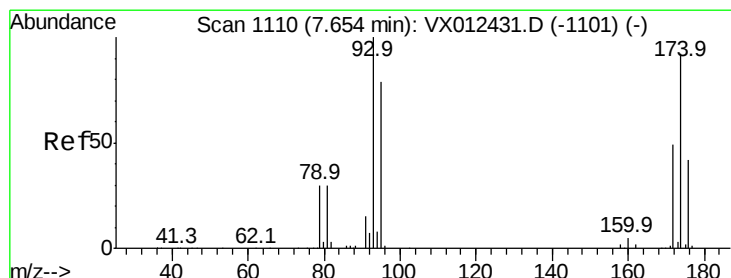
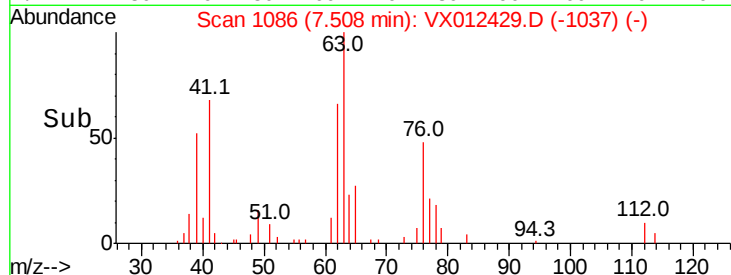
1000

0

7.40 7.50 7.60

7.51

Time-->



#46

Dibromomethane

Concen: 3.411 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

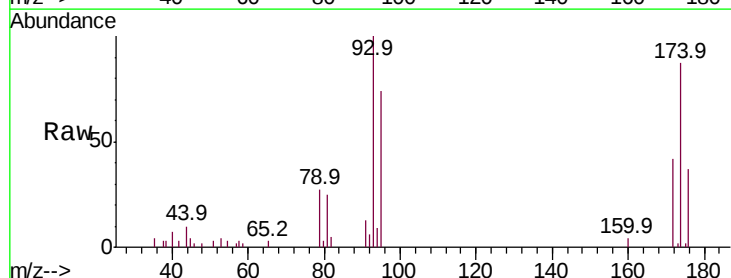
Tgt Ion: 93 Resp: 5225

Ion Ratio Lower Upper

93 100

95 85.3 66.6 100.0

174 91.8 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

3000

2000

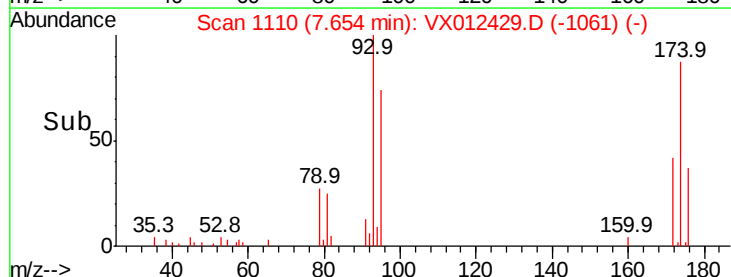
1000

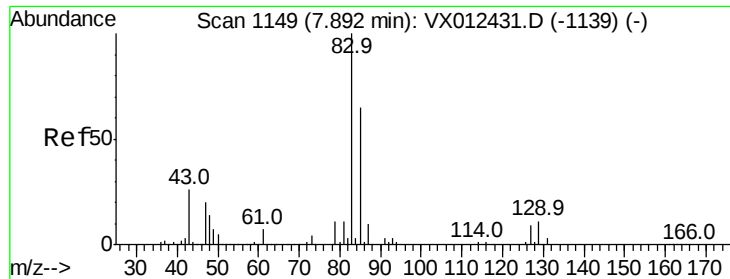
0

7.60 7.65 7.70 7.75

7.65

Time-->





#47

Bromodichloromethane

Concen: 3.383 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

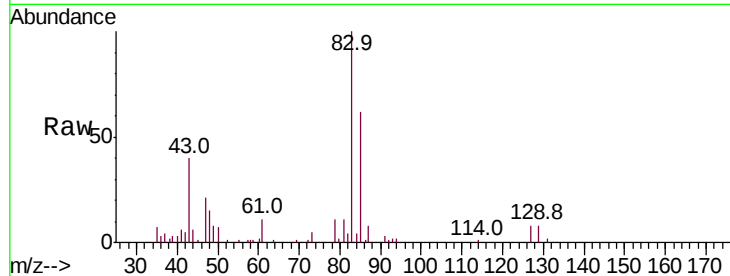
Tot Ion: 83 Resp: 11540

Ion Ratio Lower Upper

83 100

85 62.4 51.8 77.6

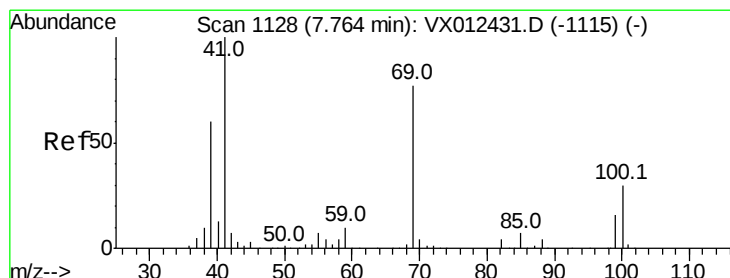
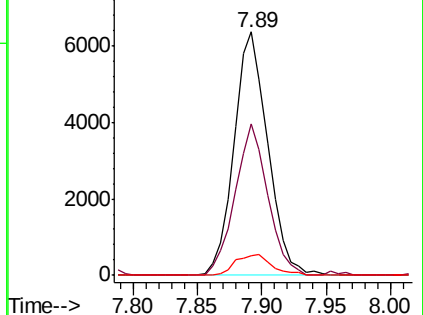
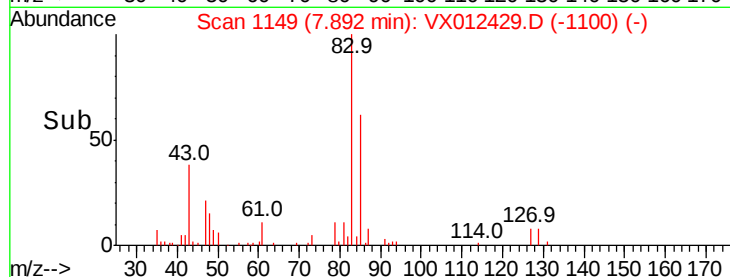
127 8.2 7.3 10.9



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: 3.409 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

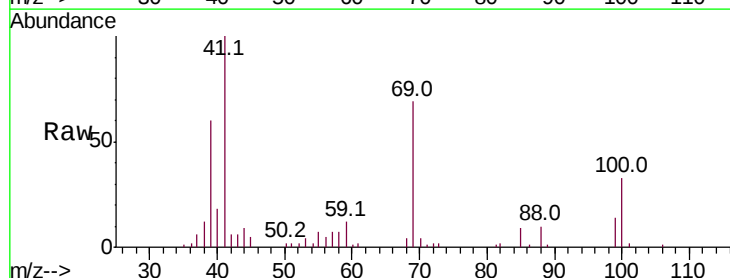
Tgt Ion: 41 Resp: 9812

Ion Ratio Lower Upper

41 100

69 77.7 59.9 89.9

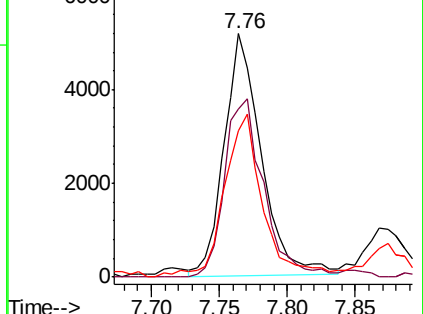
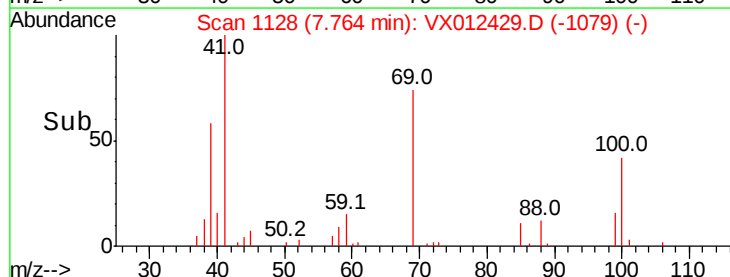
39 69.7 47.8 71.6

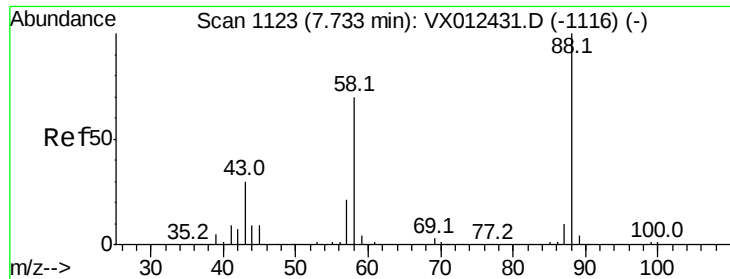


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 71.242 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

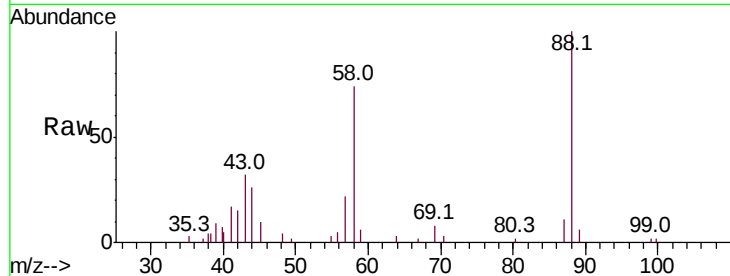
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 88 Resp: 5232

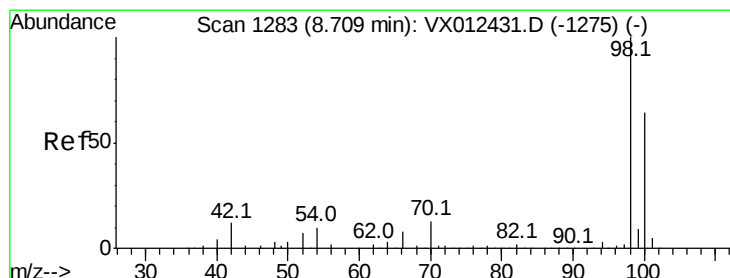
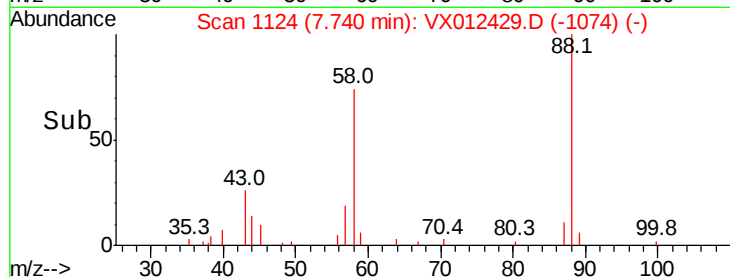
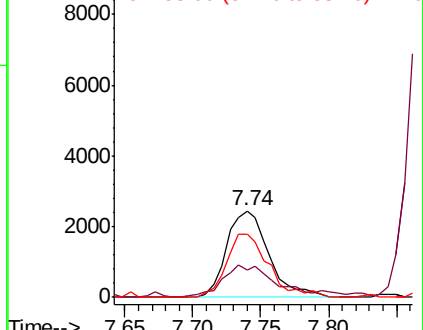
Ion	Ratio	Lower	Upper
88	100		
43	46.8	29.4	44.0#
58	74.2	57.5	86.3



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: 3.806 ug/l

RT: 8.71 min Scan# 1283

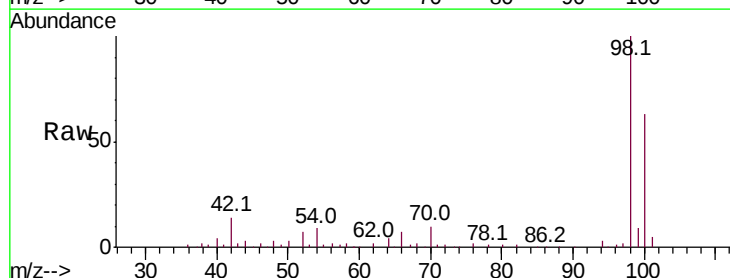
Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

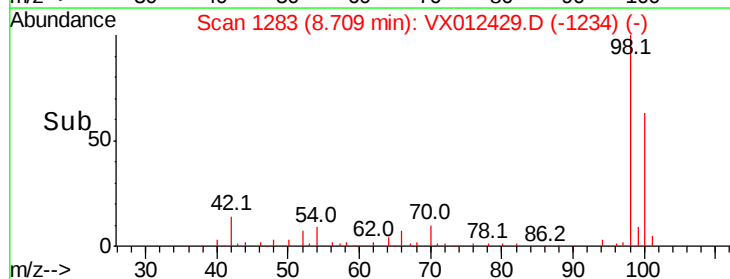
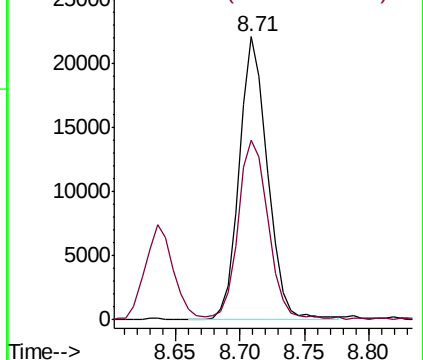
Tgt Ion: 98 Resp: 33567

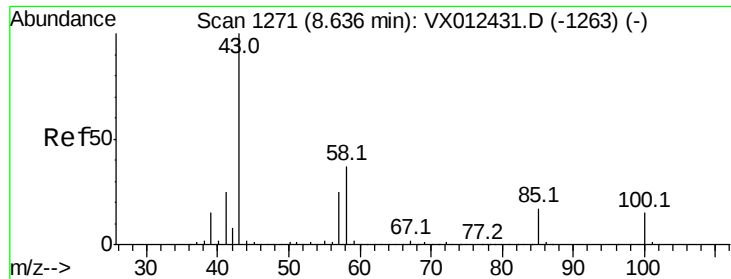
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 18.124 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleID :

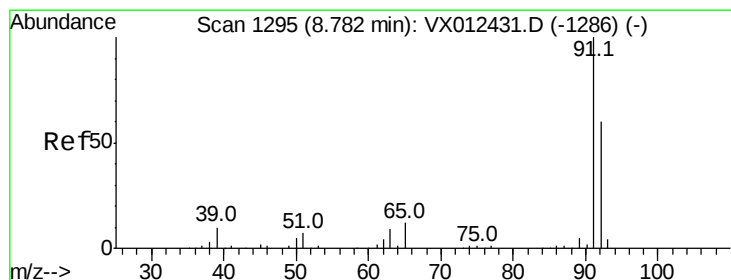
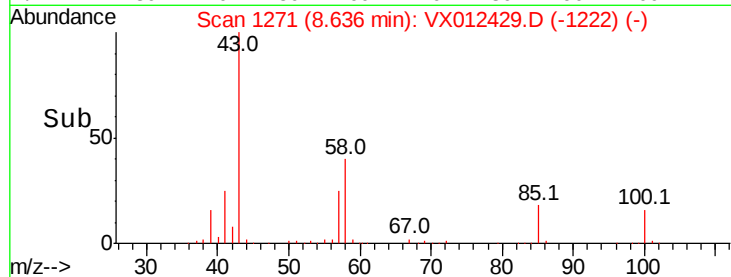
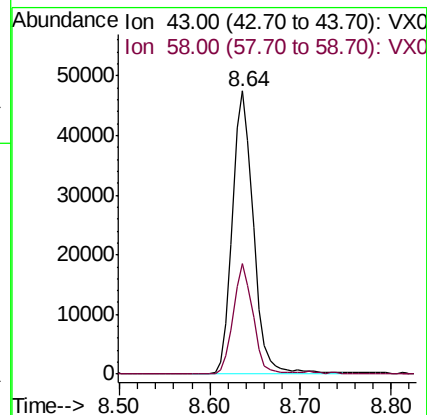
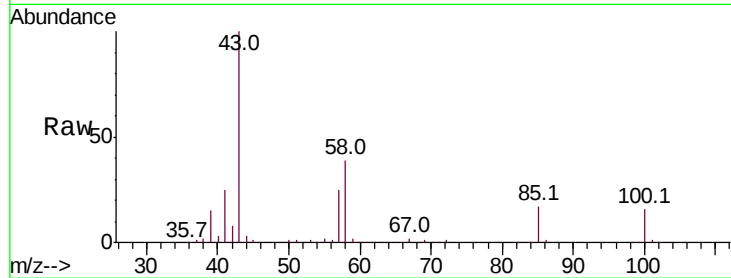
VSTDIC005

Tot Ion: 43 Resp: 76014

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6



#52

Toluene

Concen: 3.292 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012429.D

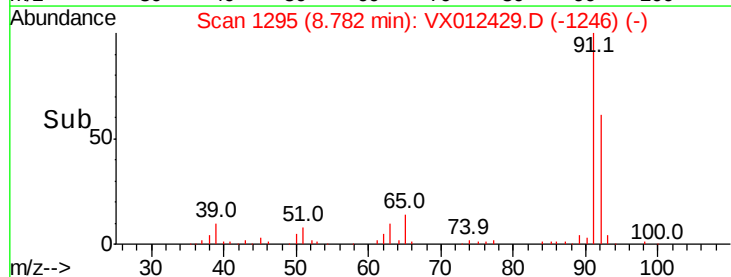
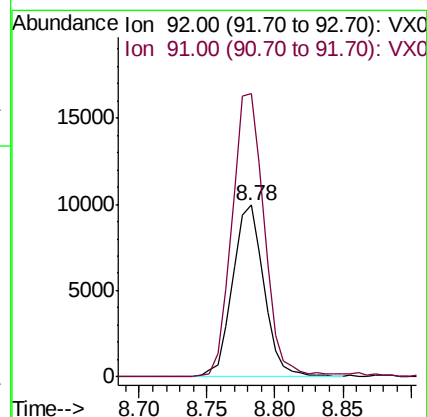
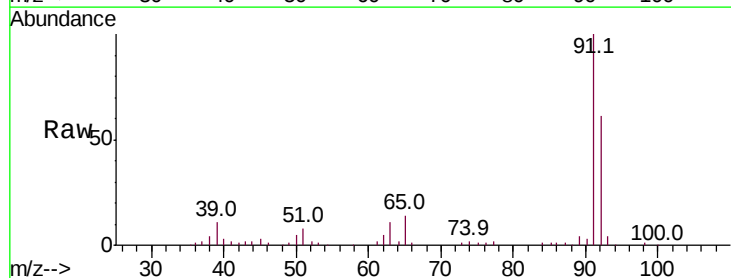
Acq: 17 Sep 2019 12:23

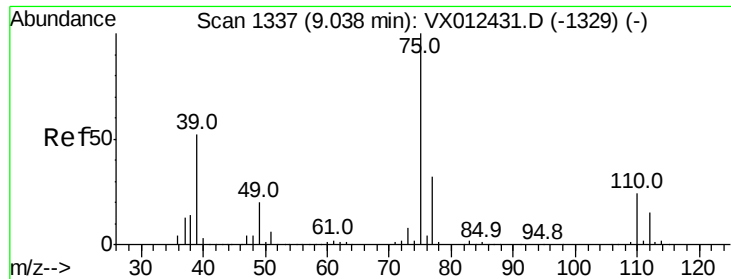
Tgt Ion: 92 Resp: 16046

Ion Ratio Lower Upper

92 100

91 169.5 135.4 203.0

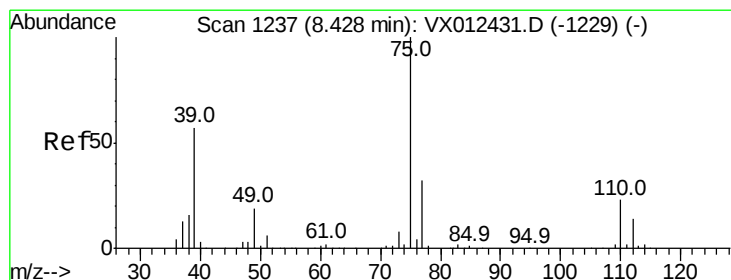
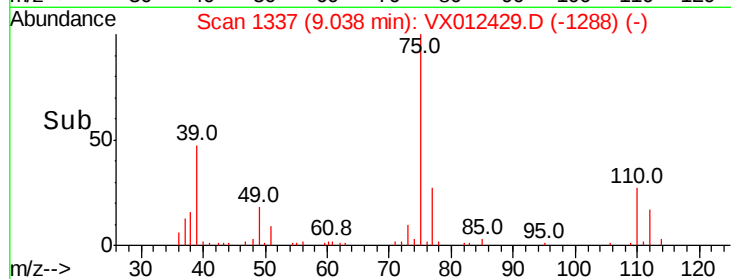
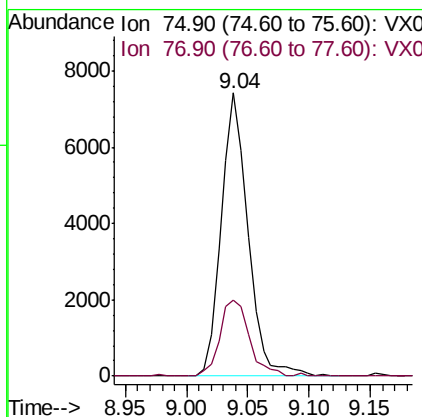
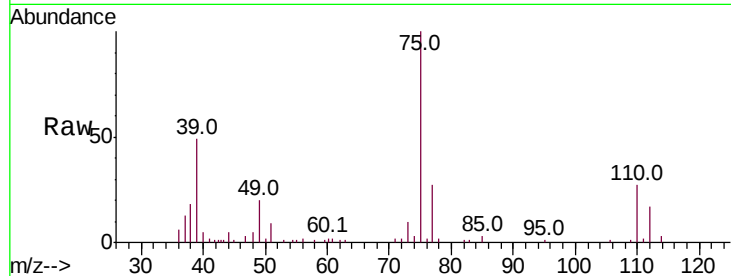




#53
t-1,3-Dichloropropene
Concen: 3.183 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

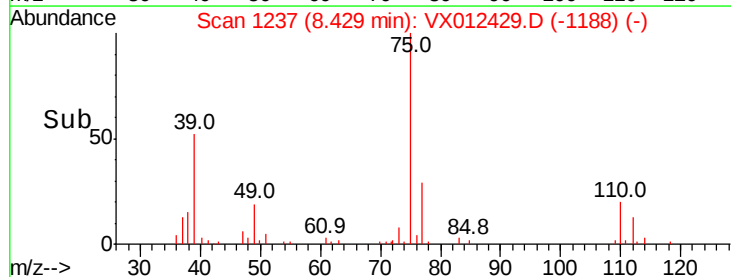
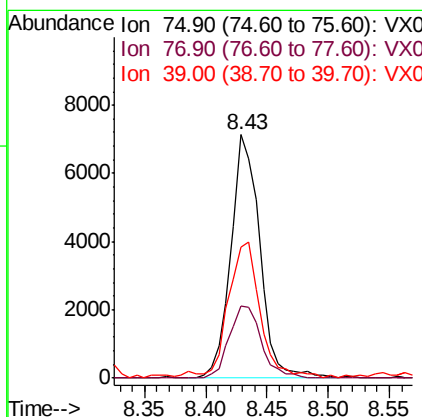
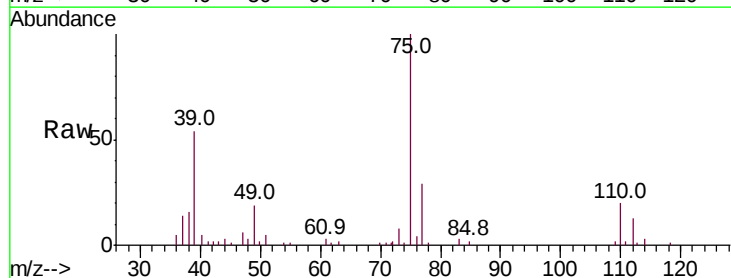
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

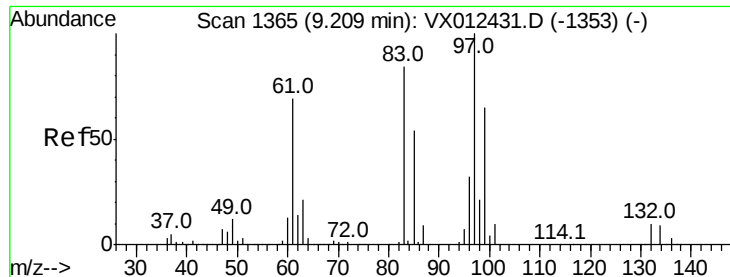
Tot Ion: 75 Resp: 11266
Ion Ratio Lower Upper
75 100
77 26.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 3.183 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 75 Resp: 11661
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.8
39 53.6 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 3.486 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 8994

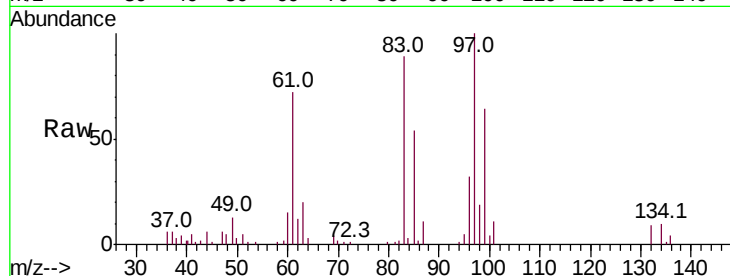
Ion Ratio Lower Upper

97 100

83 89.0 67.4 101.2

85 53.9 43.5 65.3

99 64.3 51.8 77.8

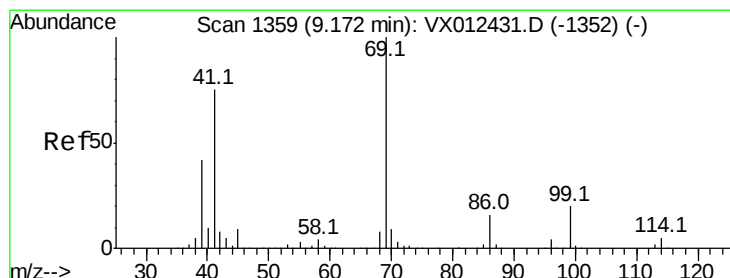
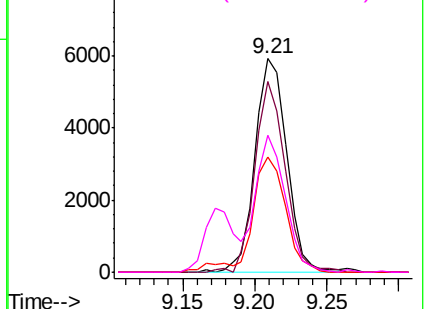
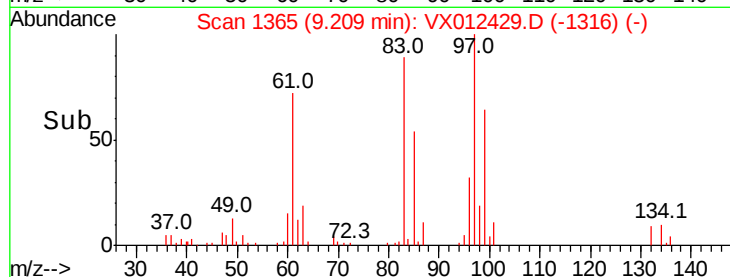


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 3.326 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

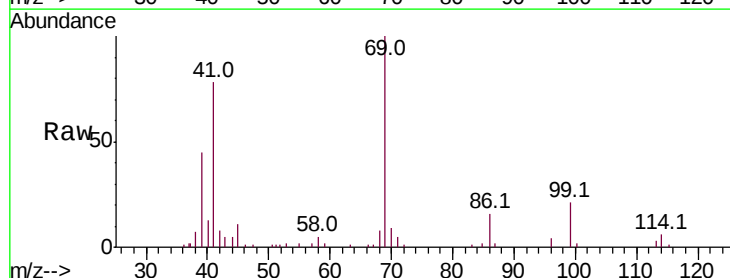
Tgt Ion: 69 Resp: 12893

Ion Ratio Lower Upper

69 100

41 76.1 58.4 87.6

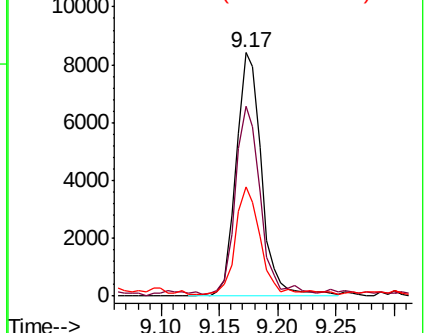
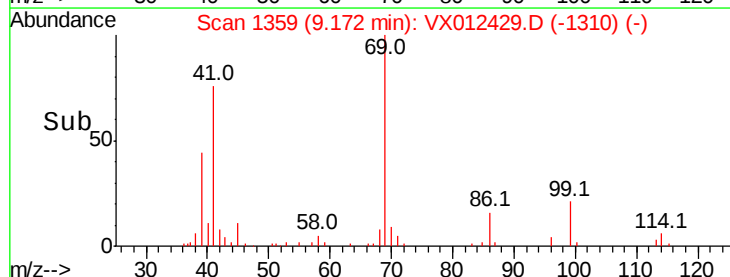
39 42.2 33.4 50.0

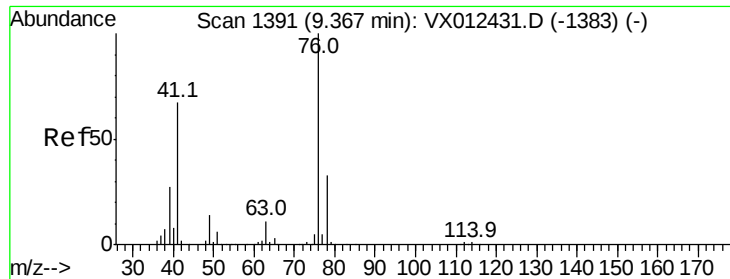


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

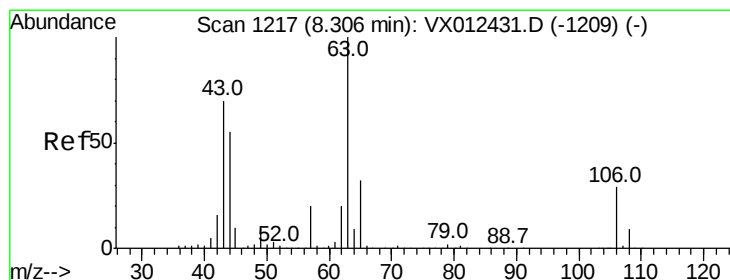
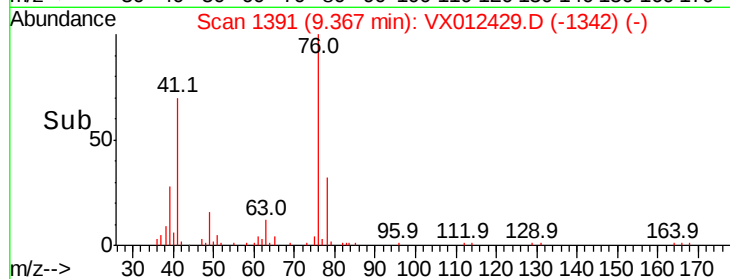
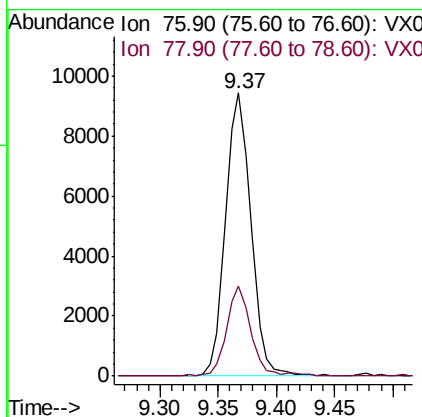
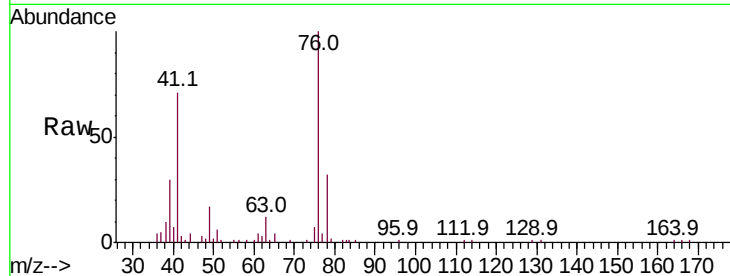




#57
 1,3-Dichloropropane
 Concen: 3.510 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

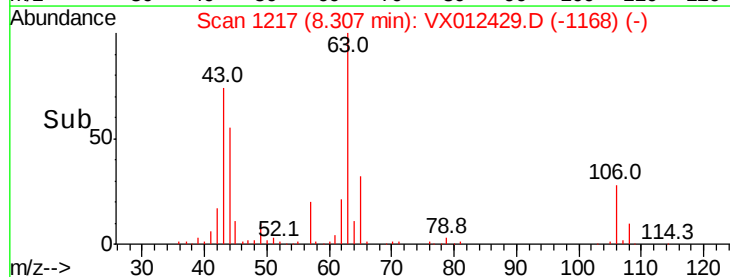
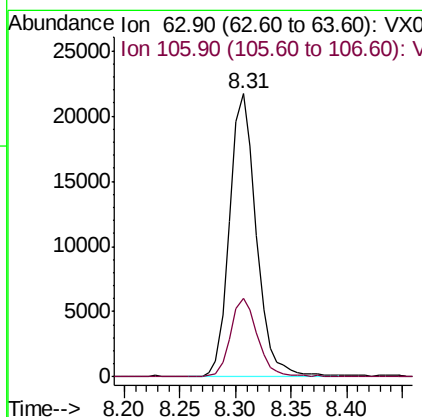
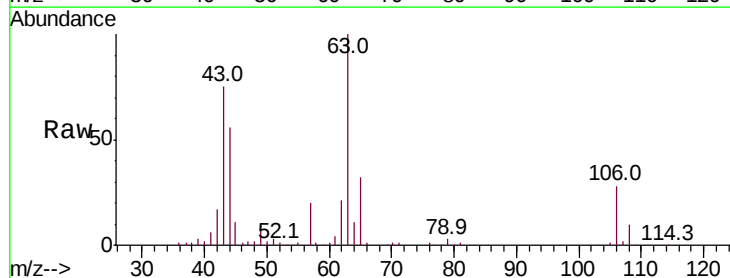
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

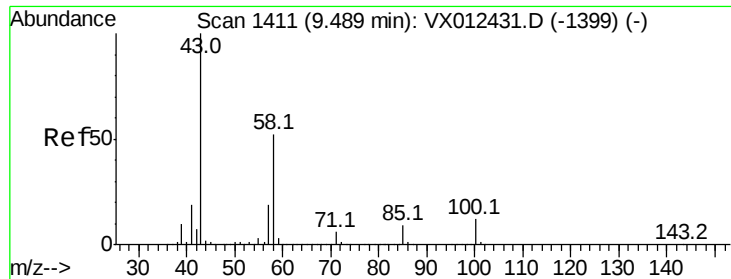
Tot Ion: 76 Resp: 14334
 Ion Ratio Lower Upper
 76 100
 78 30.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.569 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 63 Resp: 36305
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.8 35.6

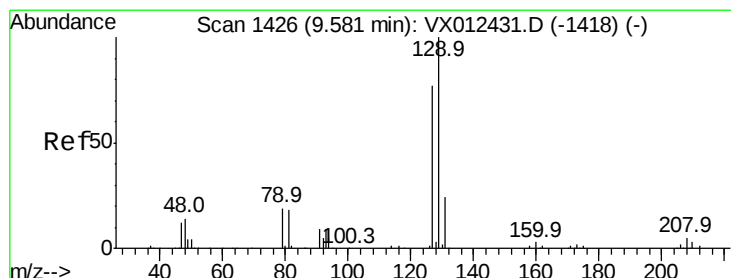
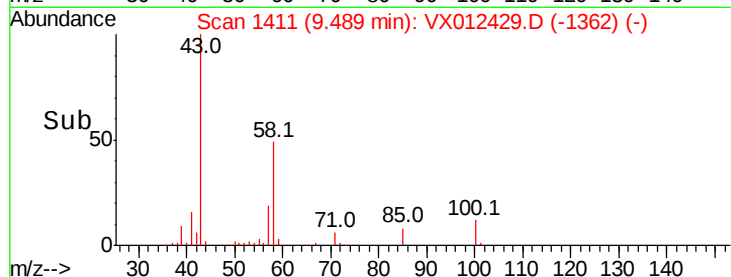
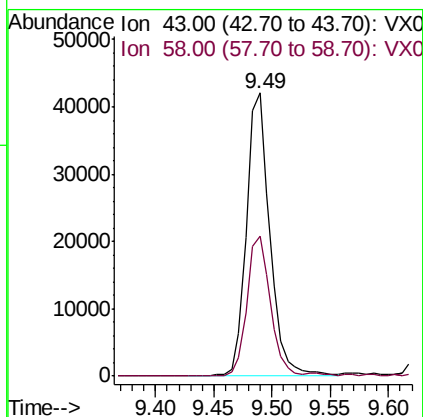
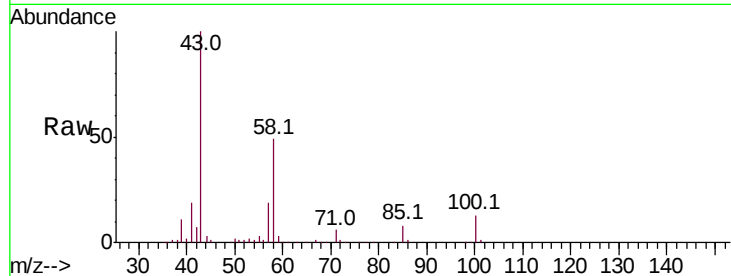




#59
2-Hexanone
Concen: 18.222 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

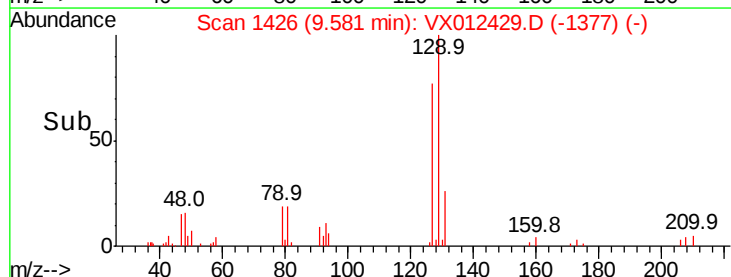
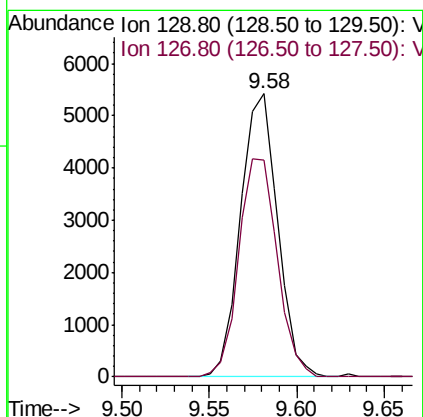
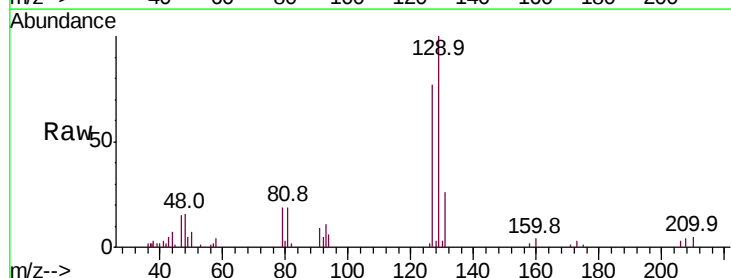
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

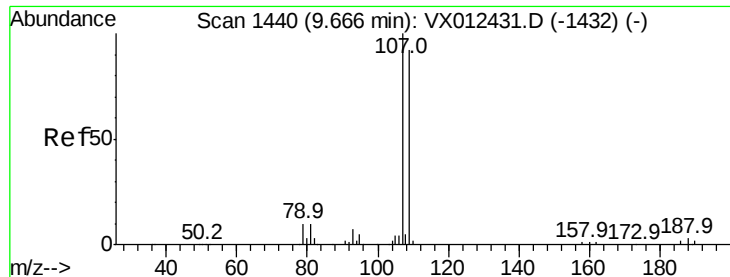
Tot Ion: 43 Resp: 59080
Ion Ratio Lower Upper
43 100
58 50.3 25.7 77.1



#60
Dibromochloromethane
Concen: 3.029 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 129 Resp: 7981
Ion Ratio Lower Upper
129 100
127 80.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 3.343 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

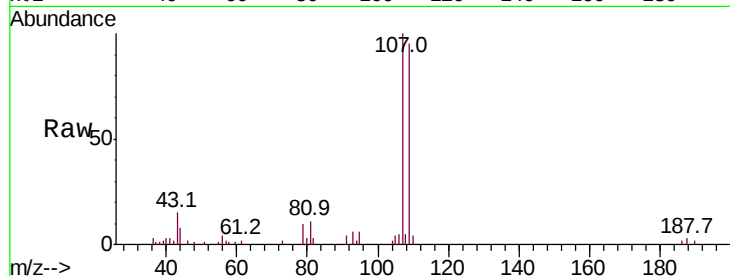
VSTDIC005

Tot Ion: 107 Resp: 7907

Ion Ratio Lower Upper

107 100

109 91.6 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

6000

5000

4000

3000

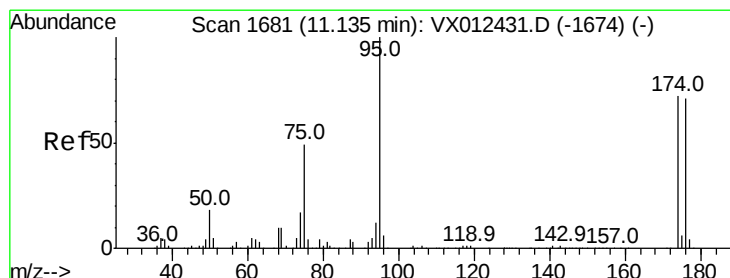
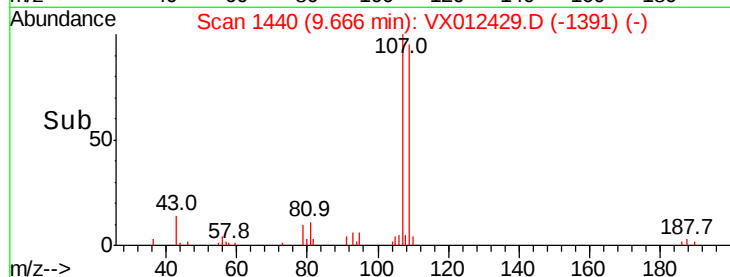
2000

1000

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 3.585 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

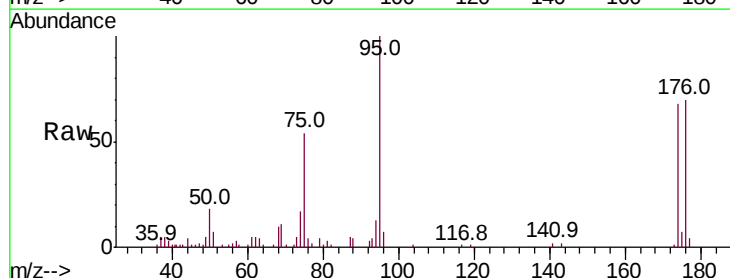
Tgt Ion: 95 Resp: 13399

Ion Ratio Lower Upper

95 100

174 69.5 0.0 140.0

176 66.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

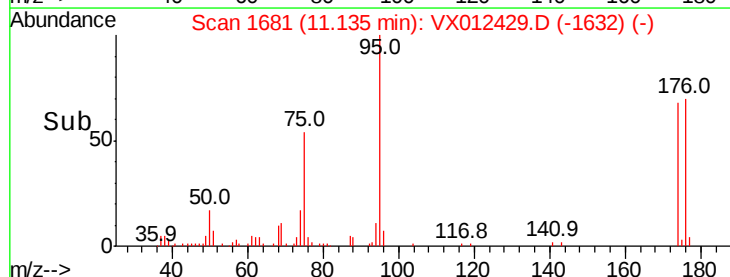
10000

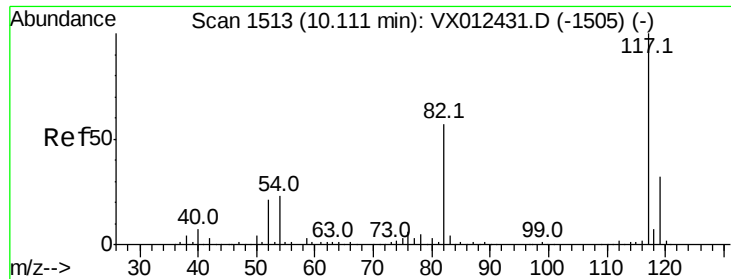
5000

0

Time-->

11.10 11.15 11.20

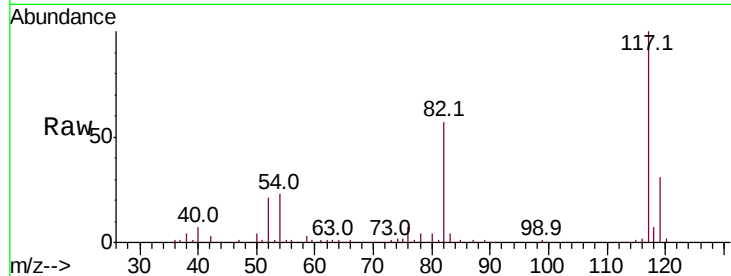




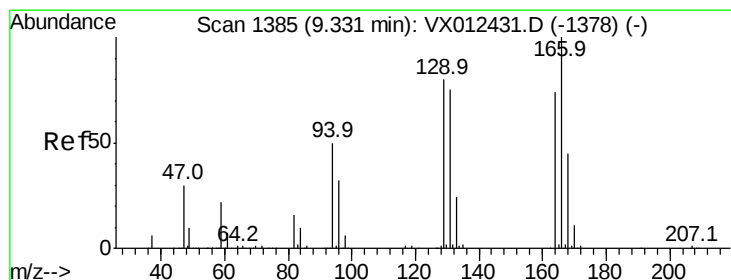
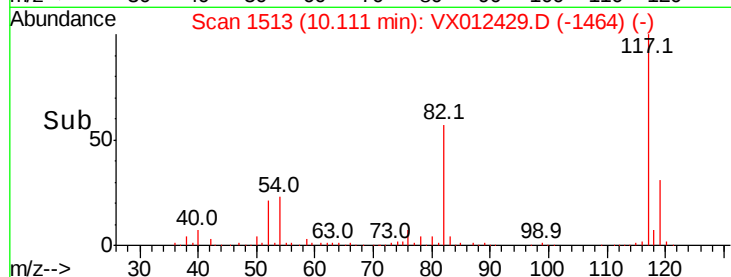
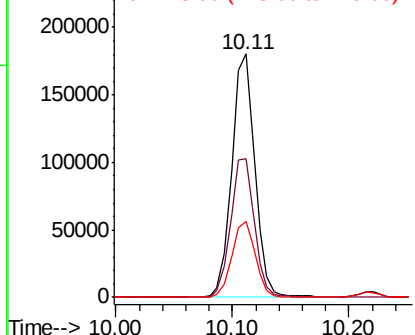
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:117 Resp: 249961
Ion Ratio Lower Upper
117 100
82 57.0 45.9 68.9
119 31.3 25.3 37.9

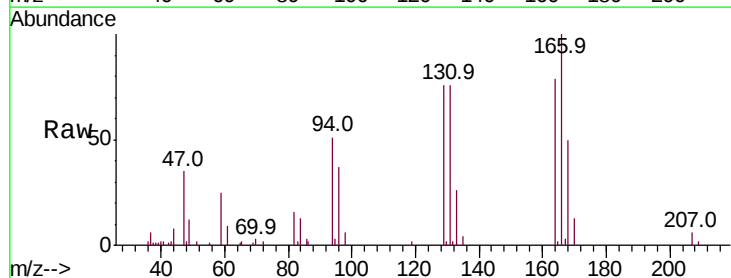


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

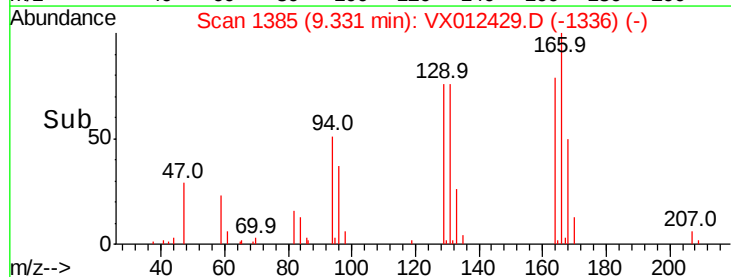
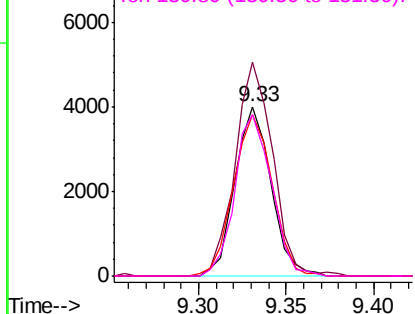


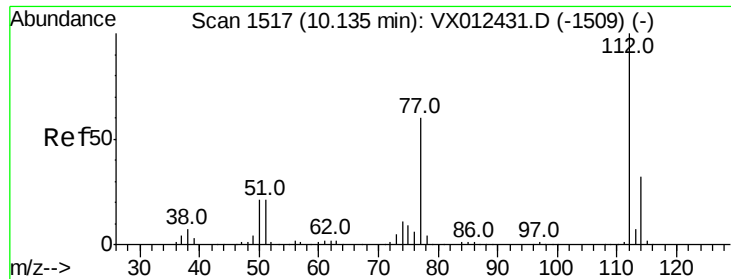
#64
Tetrachloroethene
Concen: 3.681 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:164 Resp: 5757
Ion Ratio Lower Upper
164 100
166 126.0 107.8 161.6
129 95.1 86.2 129.2
131 95.4 80.4 120.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

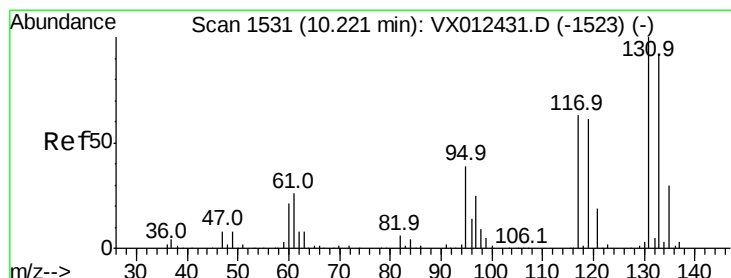
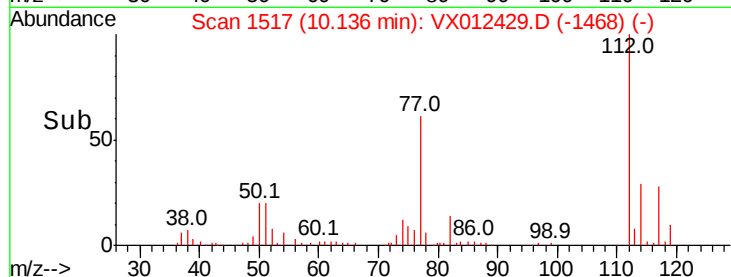
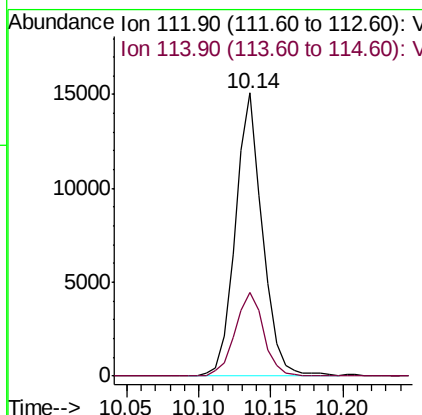
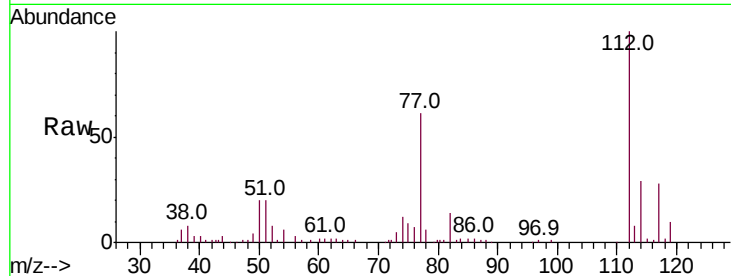




#65
Chlorobenzene
Concen: 3.591 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

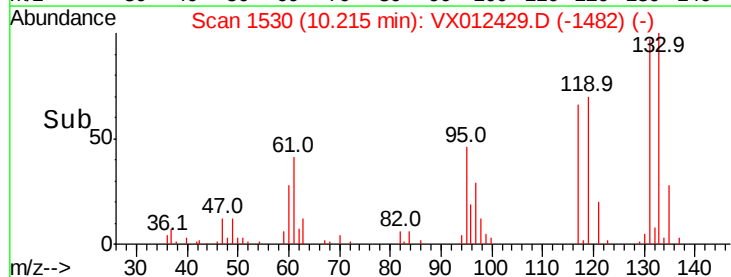
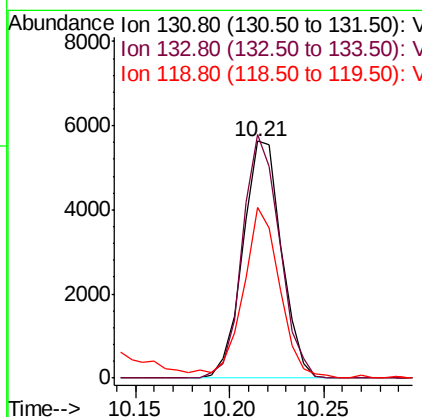
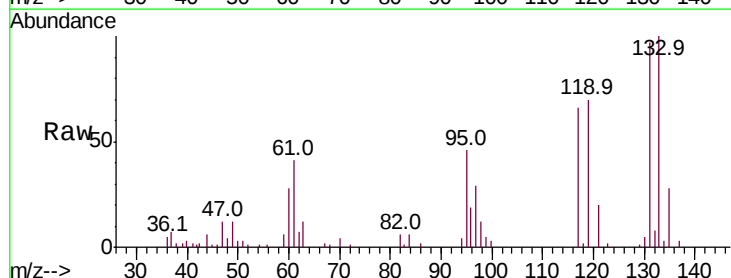
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

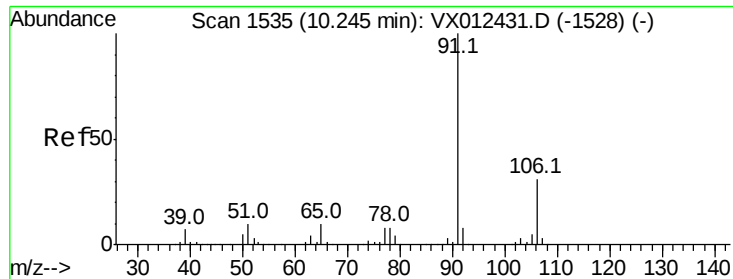
Tot Ion:112 Resp: 19760
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 3.429 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:131 Resp: 7997
Ion Ratio Lower Upper
131 100
133 98.5 47.6 142.9
119 68.7 31.3 93.8

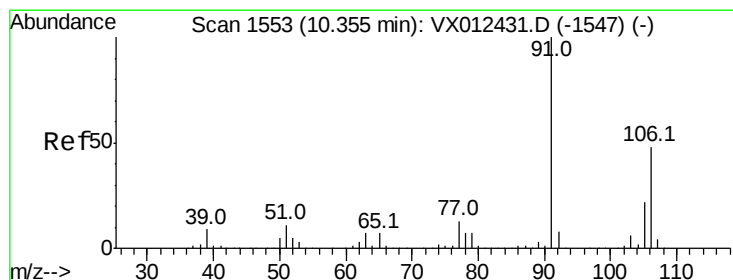
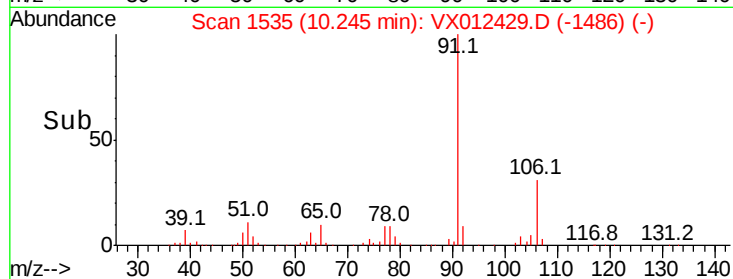
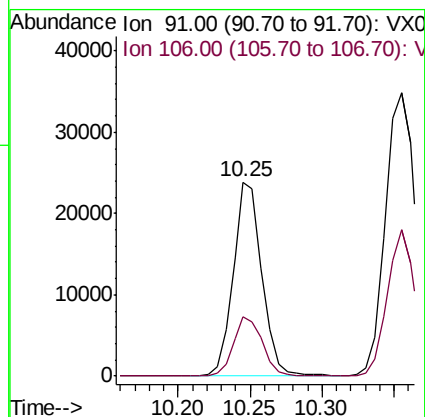
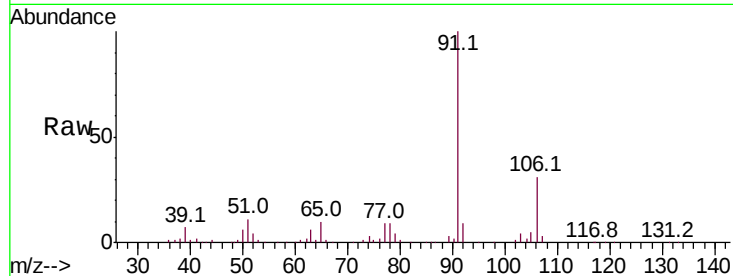




#67
Ethyl Benzene
Concen: 3.525 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

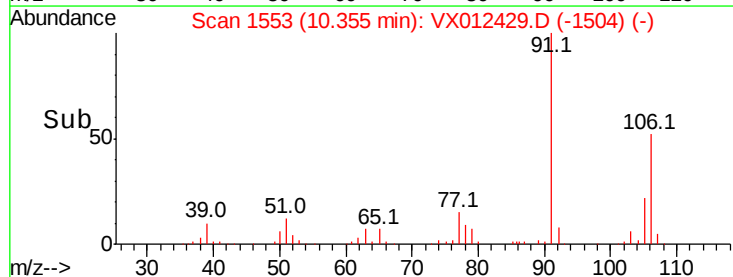
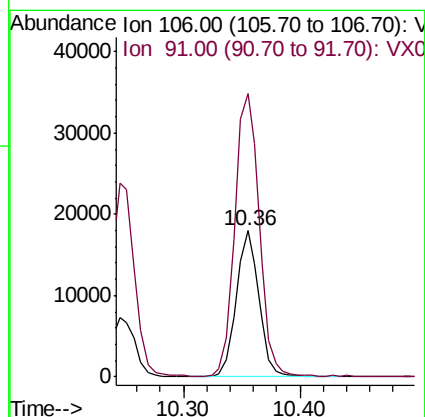
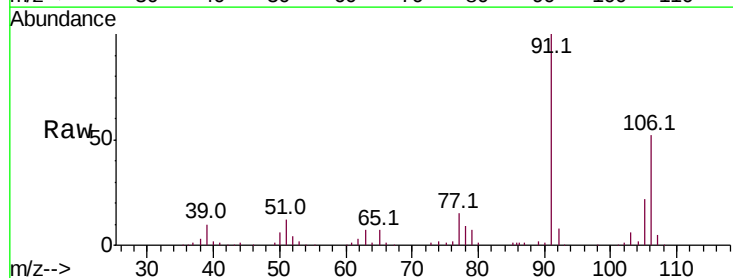
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

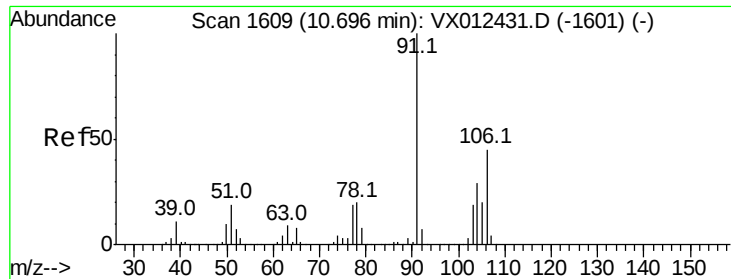
Tot Ion: 91 Resp: 33199
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 7.090 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 106 Resp: 24597
Ion Ratio Lower Upper
106 100
91 208.1 166.6 250.0

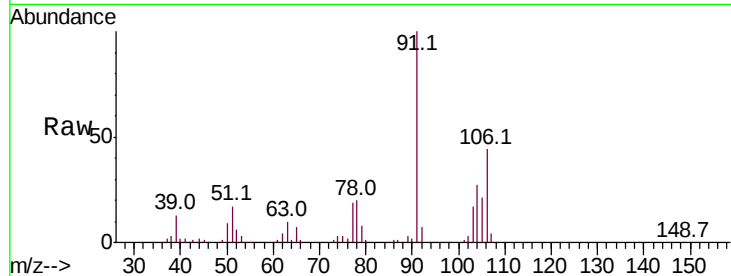




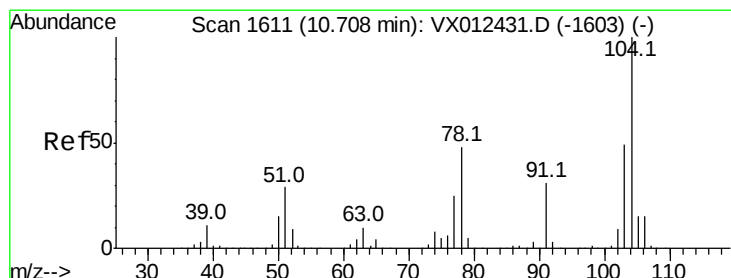
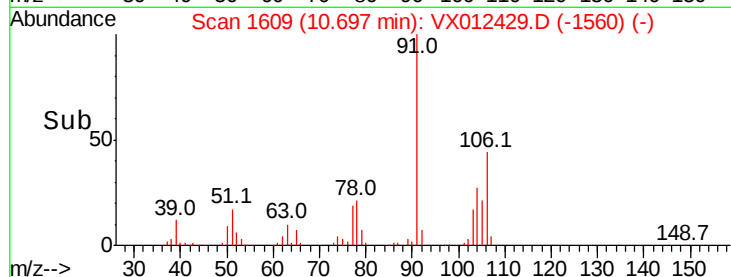
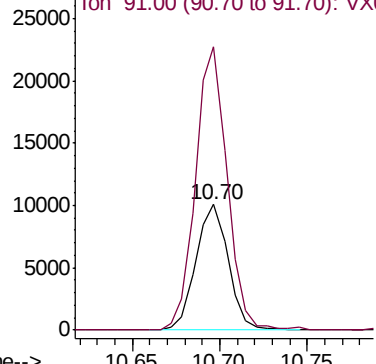
#69
o-Xylene
Concen: 3.599 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 12957
Ion Ratio Lower Upper
106 100
91 221.2 109.4 328.2

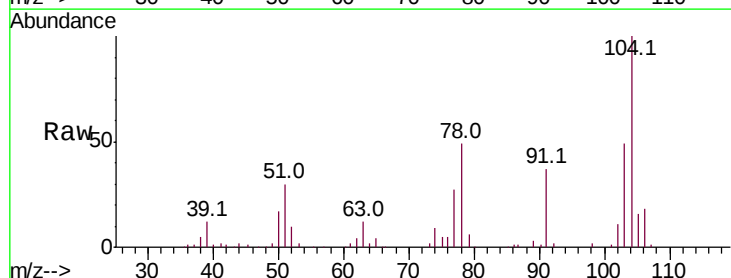


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

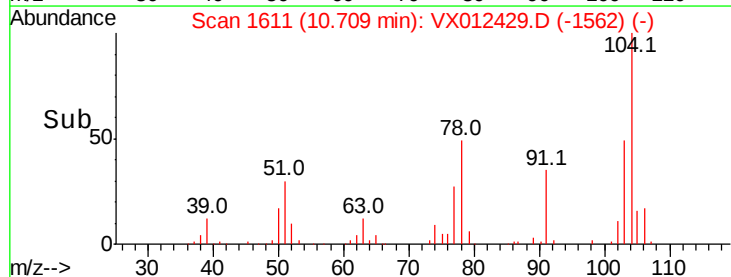
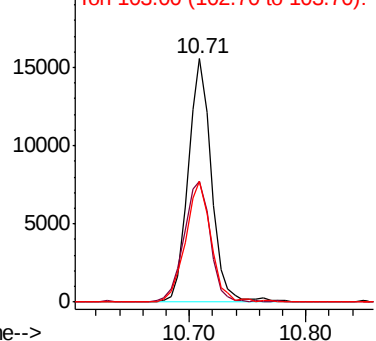


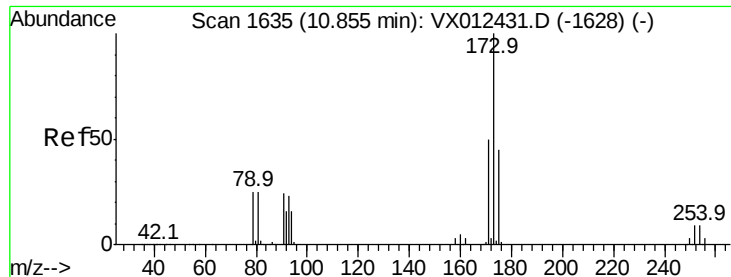
#70
Styrene
Concen: 3.446 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:104 Resp: 21498
Ion Ratio Lower Upper
104 100
78 55.8 43.4 65.2
103 54.6 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.148 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

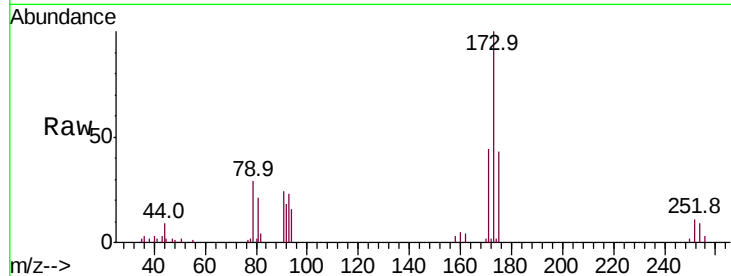
Tot Ion:173 Resp: 5632

Ion Ratio Lower Upper

173 100

175 44.6 23.7 71.1

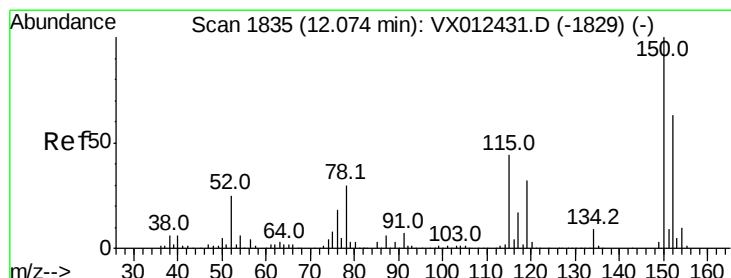
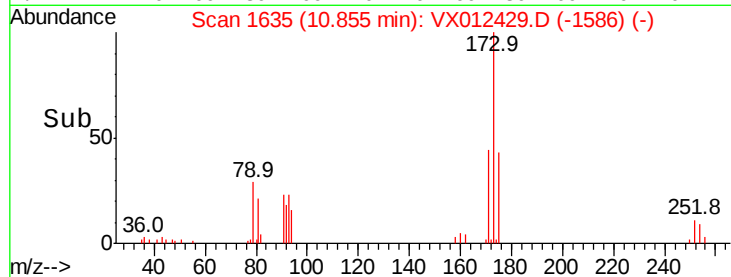
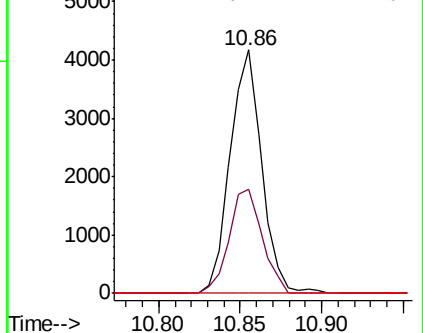
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

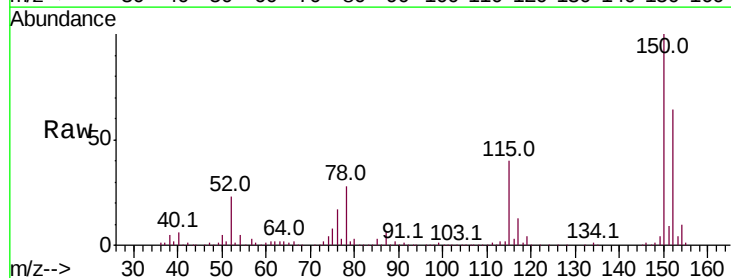
Tgt Ion:152 Resp: 116349

Ion Ratio Lower Upper

152 100

115 65.8 44.1 132.3

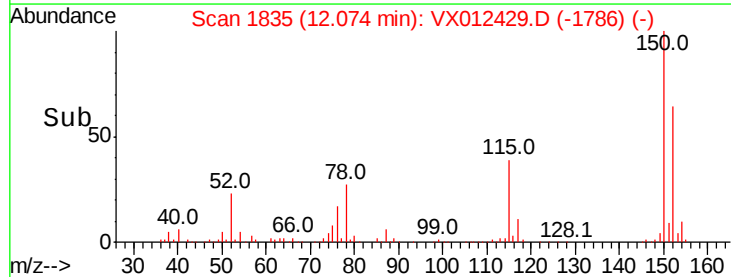
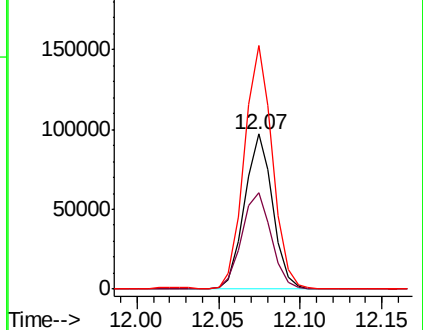
150 157.7 0.0 343.8

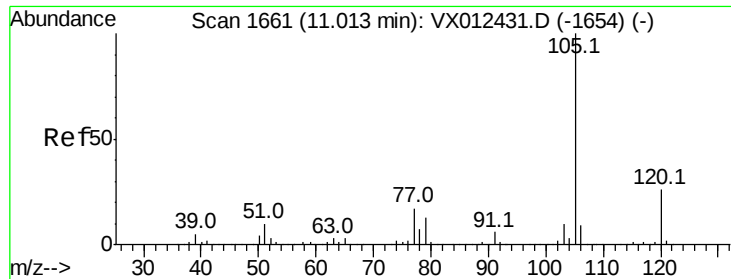


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.688 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

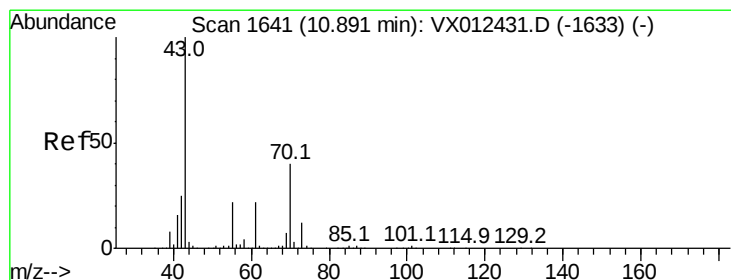
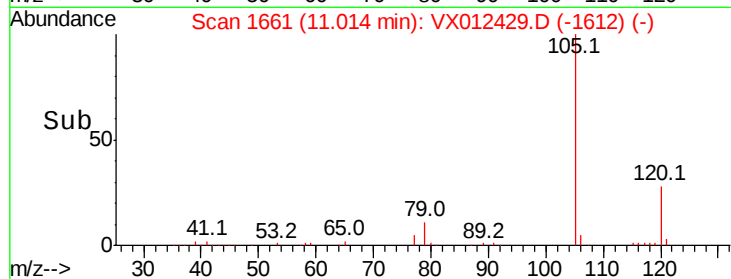
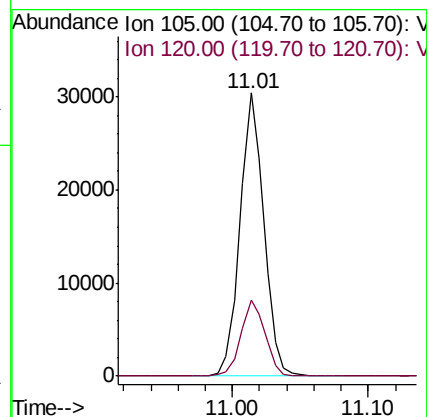
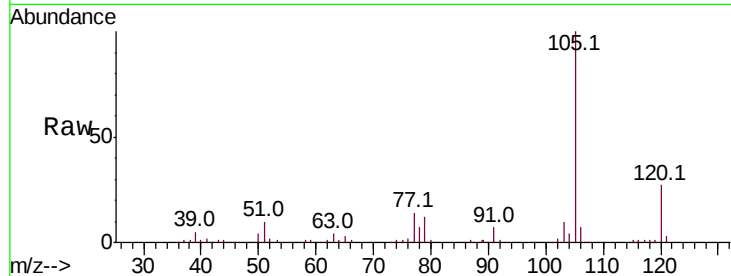
VSTDIC005

Tot Ion:105 Resp: 37073

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.7



#74

N-ethyl acetate

Concen: 4.566 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion: 43 Resp: 19238

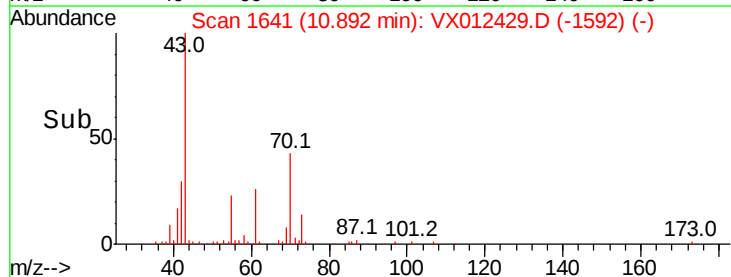
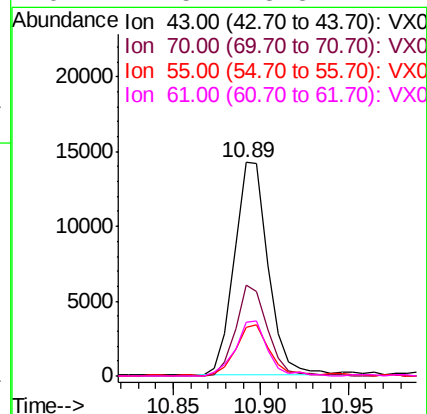
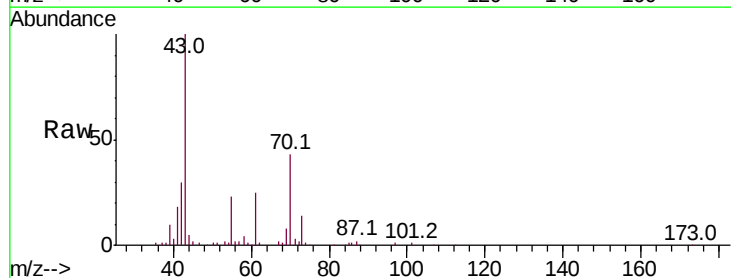
Ion Ratio Lower Upper

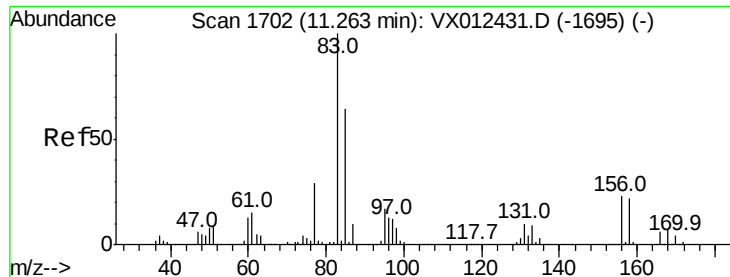
43 100

70 40.6 32.4 48.6

55 23.4 18.2 27.4

61 24.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 4.680 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

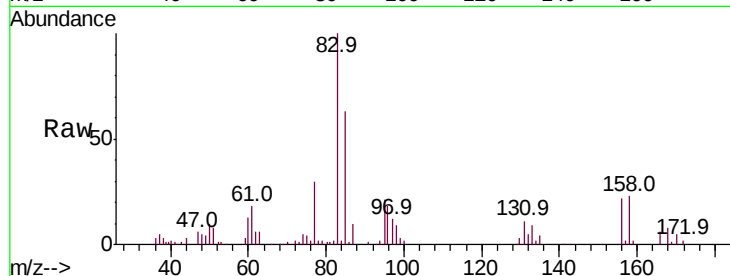
Tot Ion: 83 Resp: 14829

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

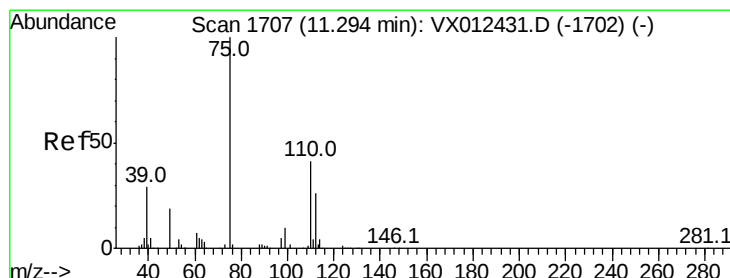
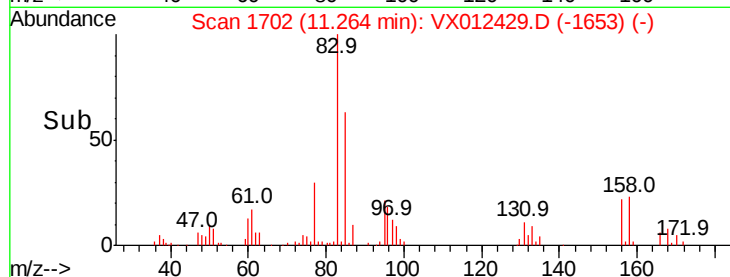
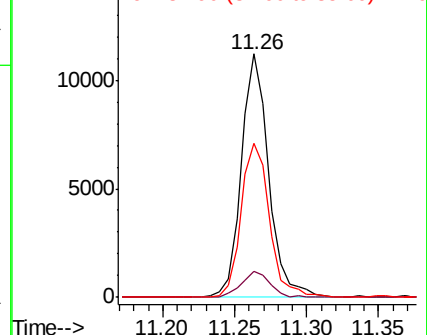
85 65.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.507 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012429.D

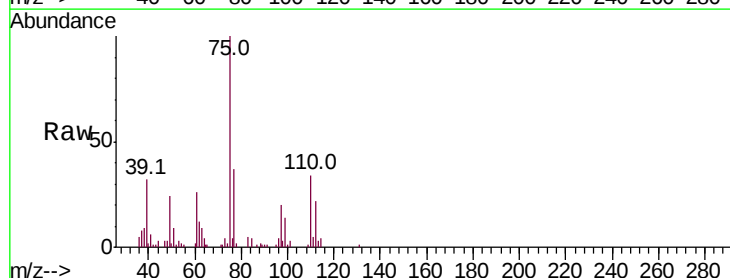
Acq: 17 Sep 2019 12:23

Tgt Ion: 75 Resp: 16202

Ion Ratio Lower Upper

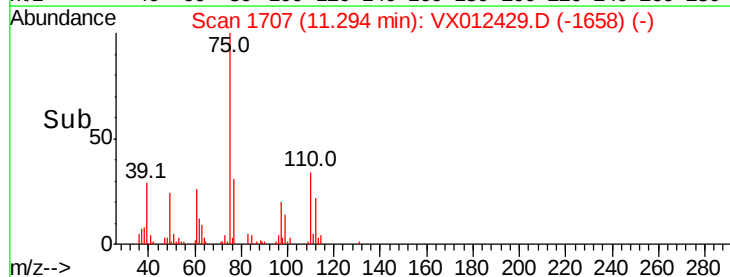
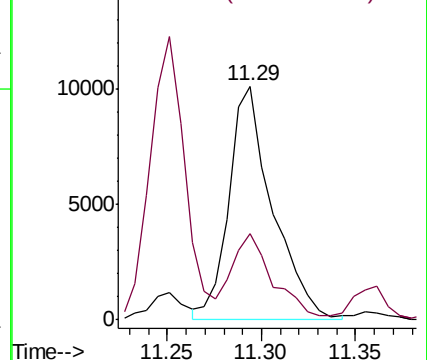
75 100

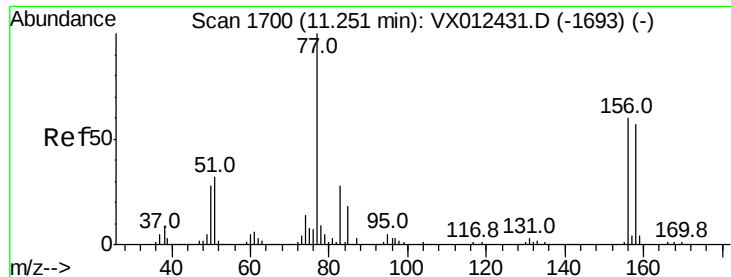
77 34.6 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.385 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

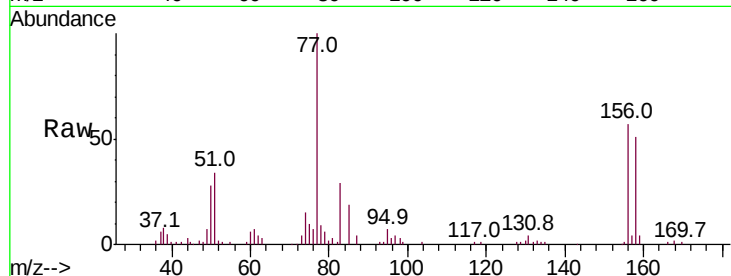
Tot Ion:156 Resp: 8866

Ion Ratio Lower Upper

156 100

77 180.2 87.3 261.8

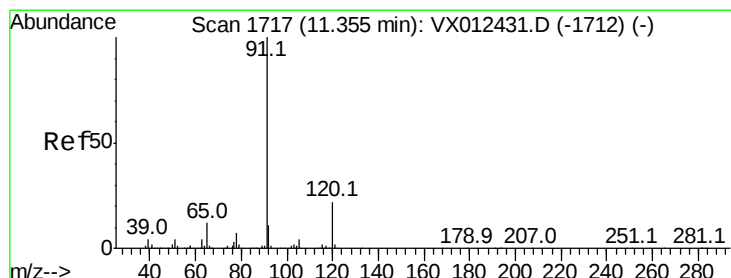
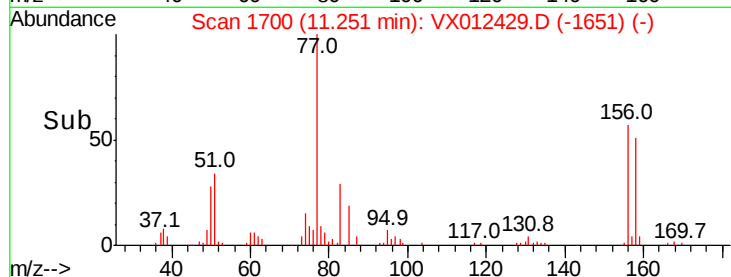
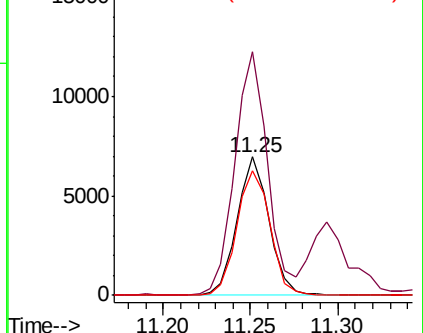
158 93.5 48.5 145.6



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: 4.317 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012429.D

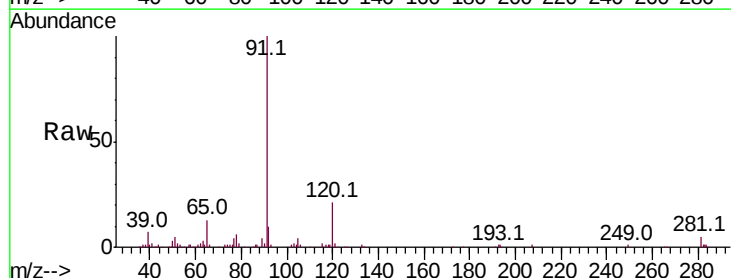
Acq: 17 Sep 2019 12:23

Tgt Ion: 91 Resp: 38554

Ion Ratio Lower Upper

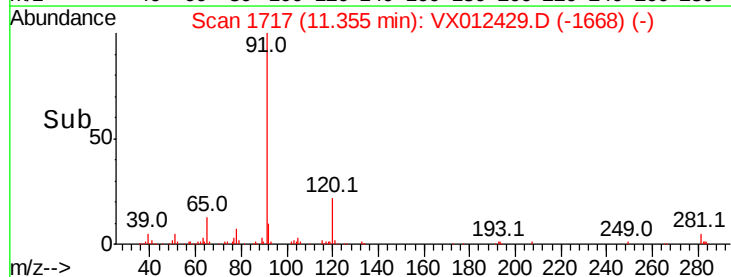
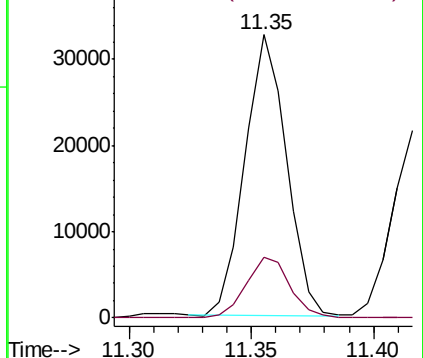
91 100

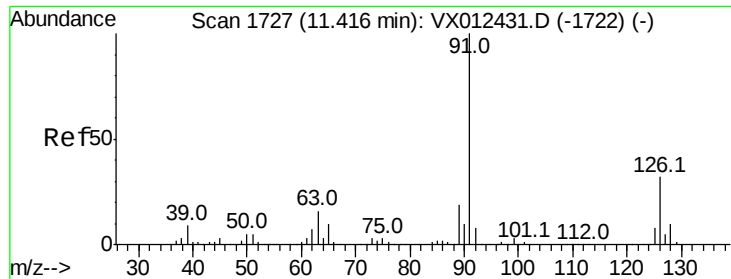
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

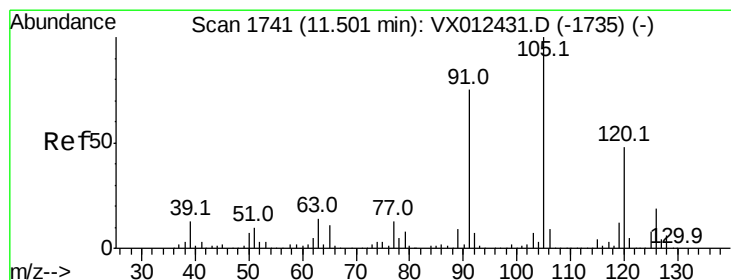
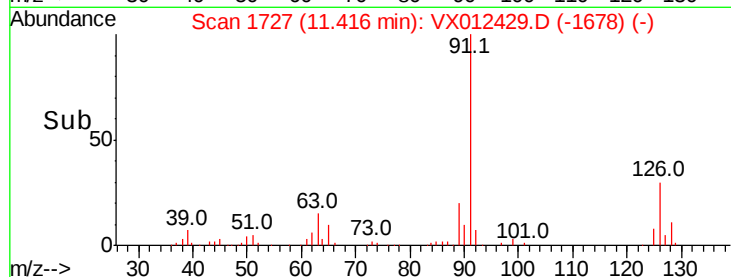
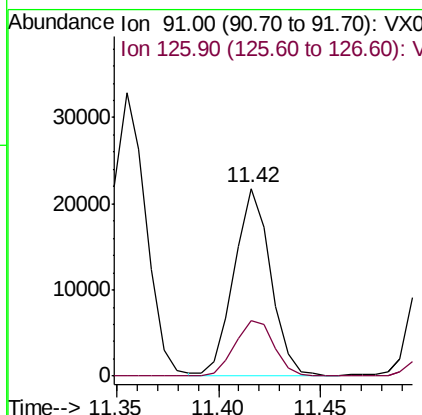
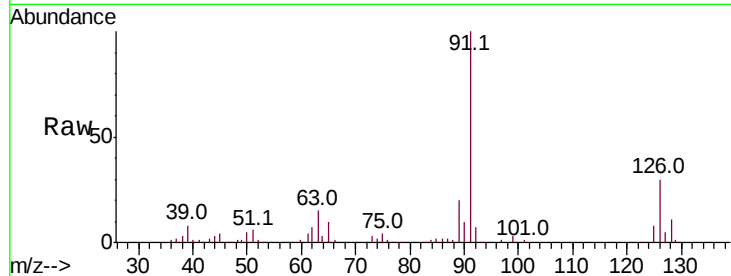




#79
 2-Chlorotoluene
 Concen: 4.678 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

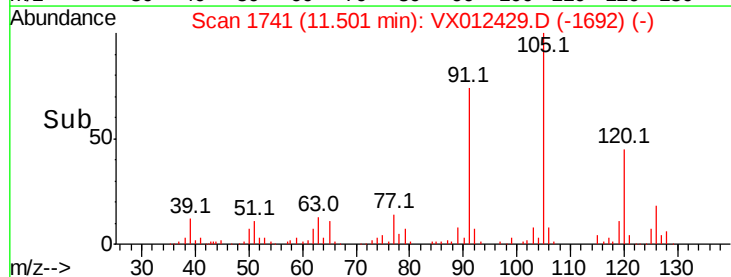
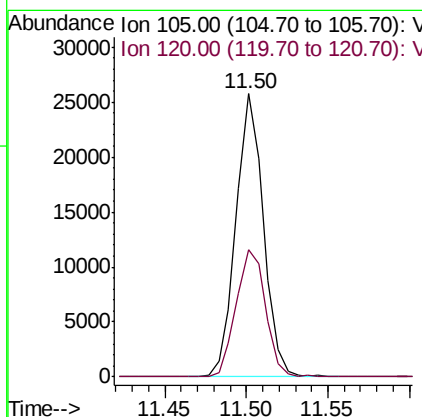
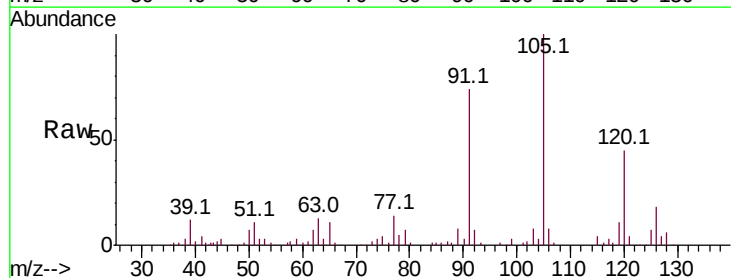
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

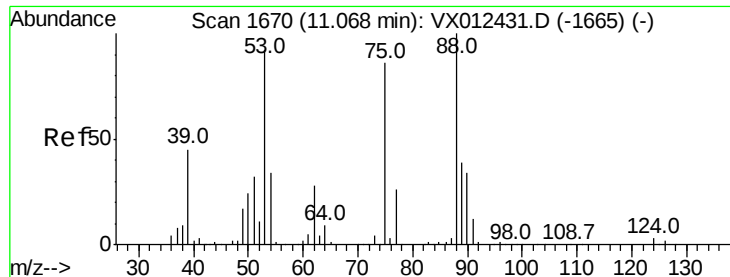
Tot Ion: 91 Resp: 26772
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.409 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion:105 Resp: 30274
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.495 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

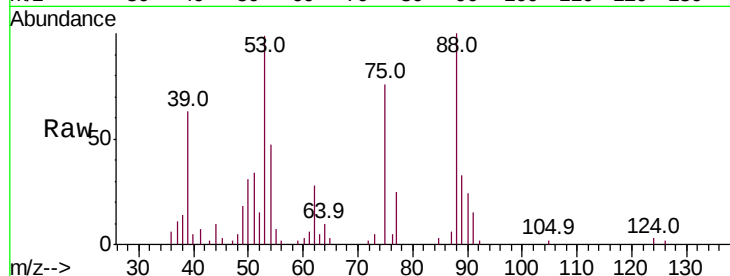
Tot Ion: 75 Resp: 3640

Ion Ratio Lower Upper

75 100

53 134.4 83.6 125.4#

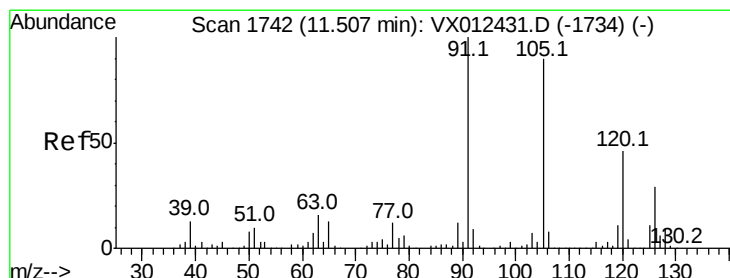
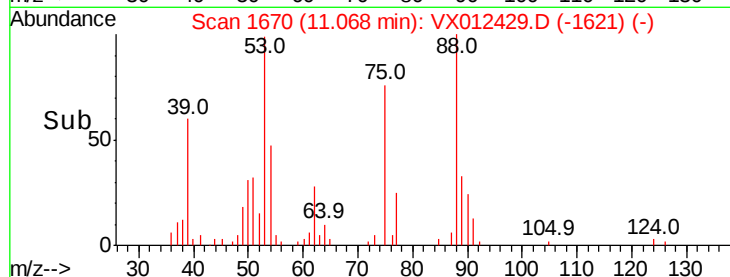
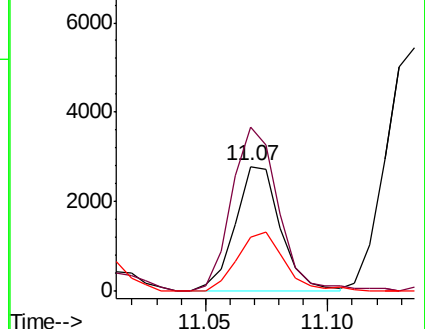
89 49.5 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.554 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012429.D

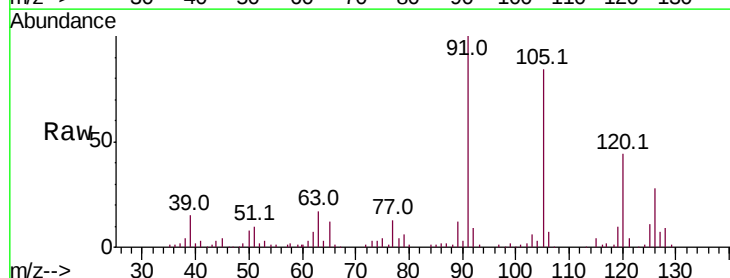
Acq: 17 Sep 2019 12:23

Tgt Ion: 91 Resp: 30351

Ion Ratio Lower Upper

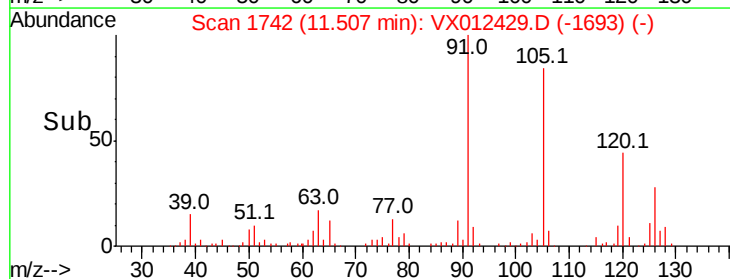
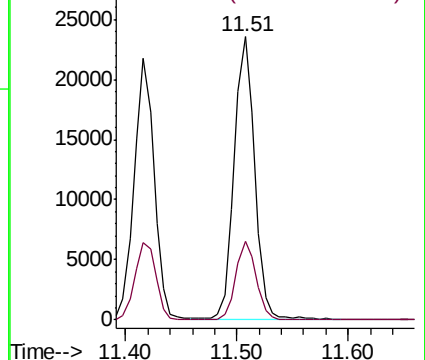
91 100

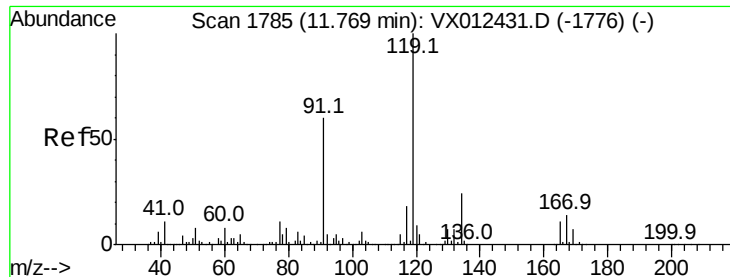
126 27.4 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

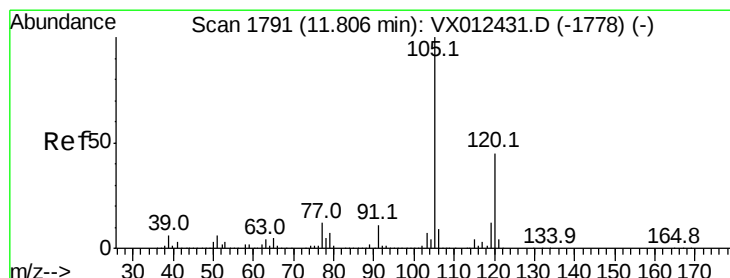
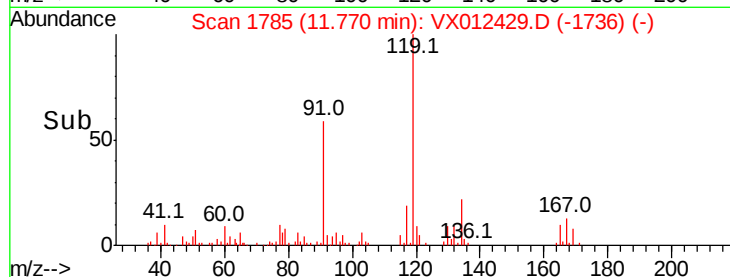
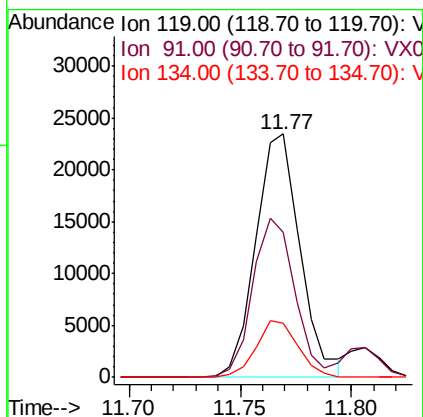
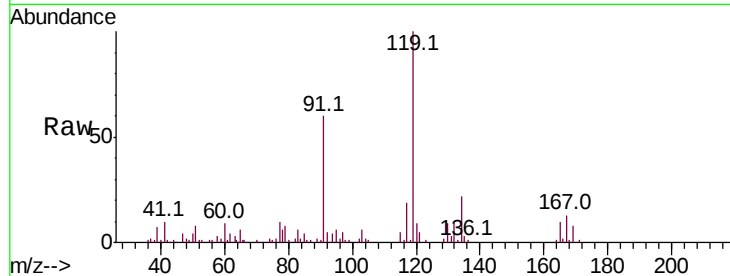




#83
tert-Butylbenzene
Concen: 4.476 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

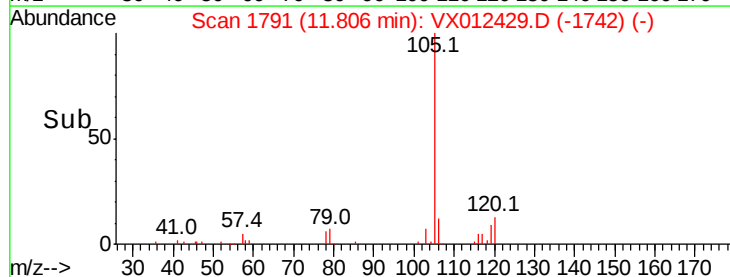
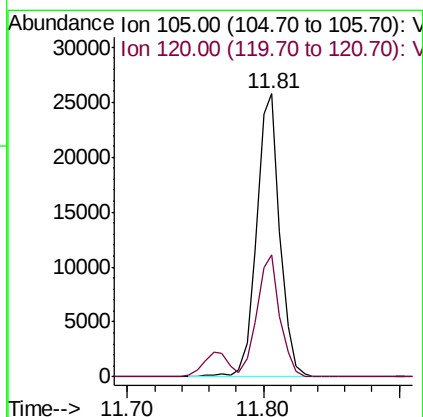
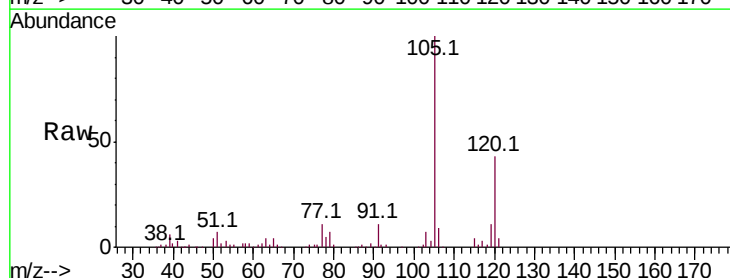
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

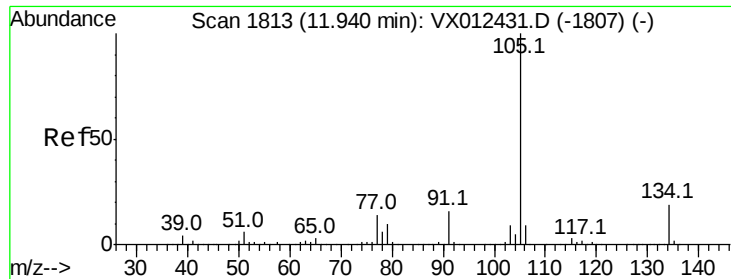
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.0	90.0
134	22.1	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 4.459 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.2	66.6

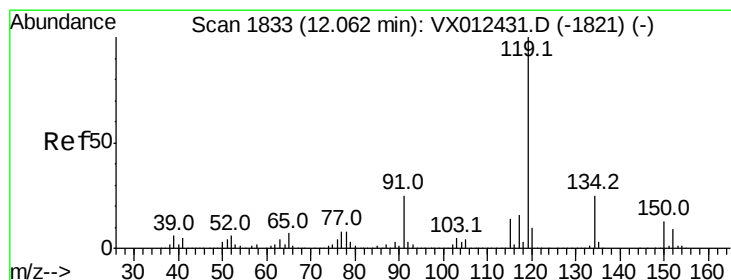
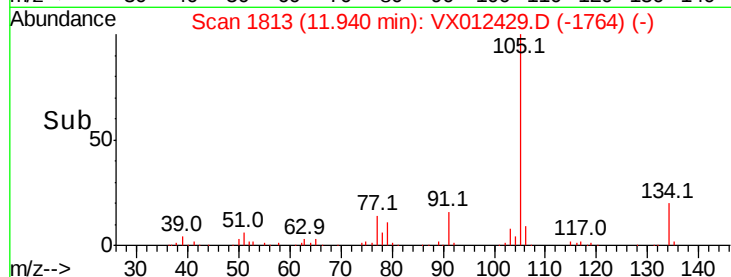
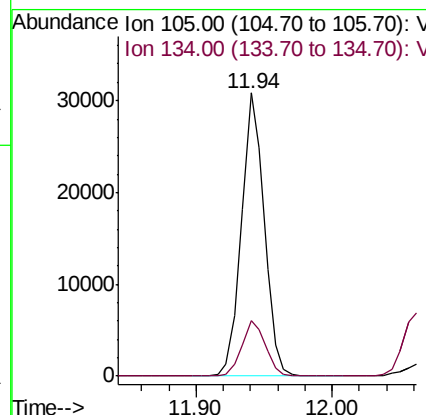
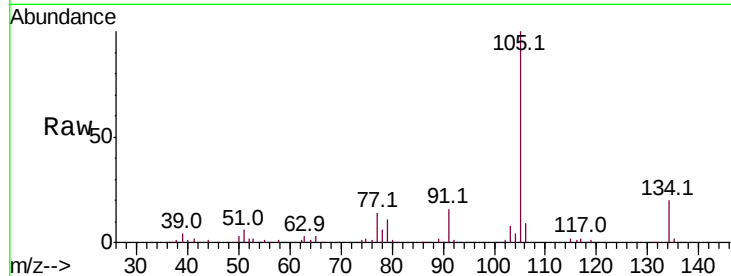




#85
 sec-Butylbenzene
 Concen: 4.460 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

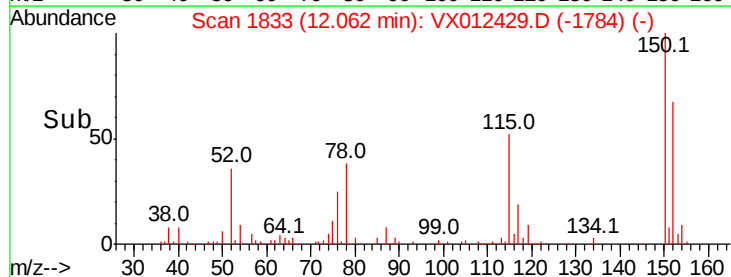
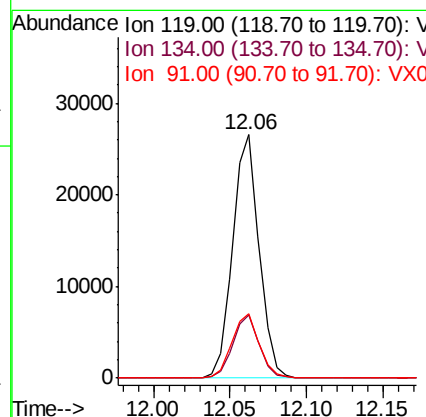
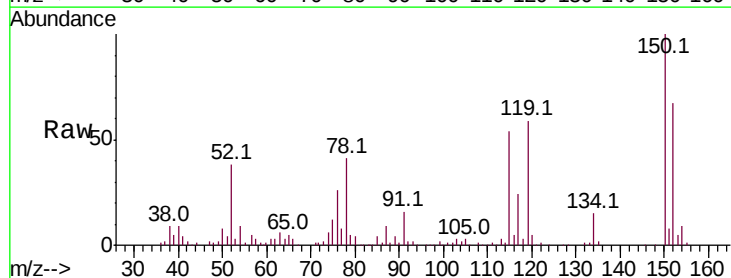
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

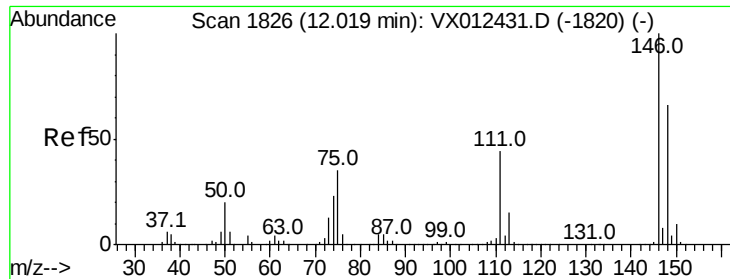
Tot Ion:105 Resp: 35971
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.296 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion:119 Resp: 31690
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.7 38.1
 91 27.5 12.8 38.4

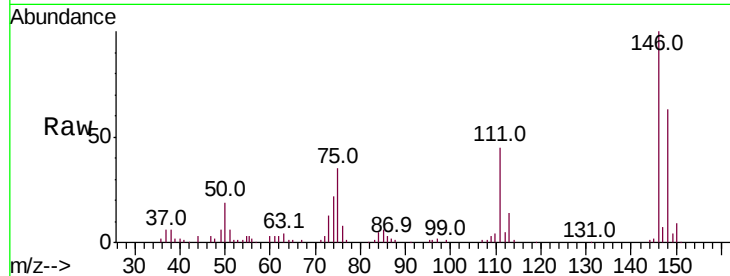




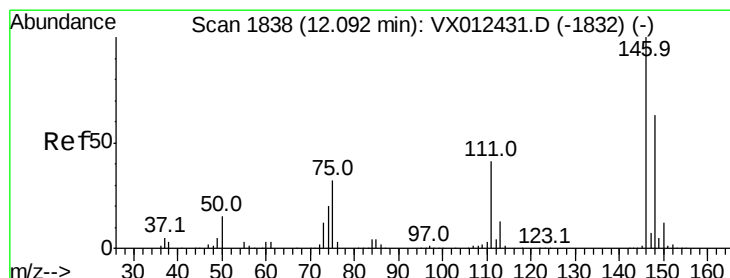
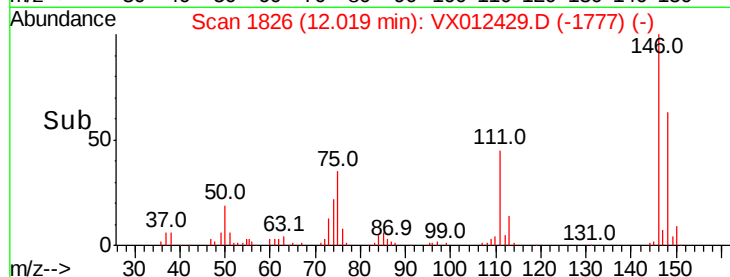
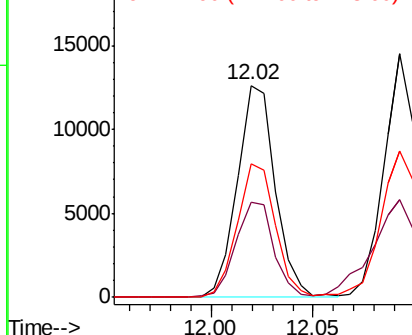
#87
 1,3-Dichlorobenzene
 Concen: 4.313 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 16378
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.3 64.0
 148 63.3 32.4 97.2

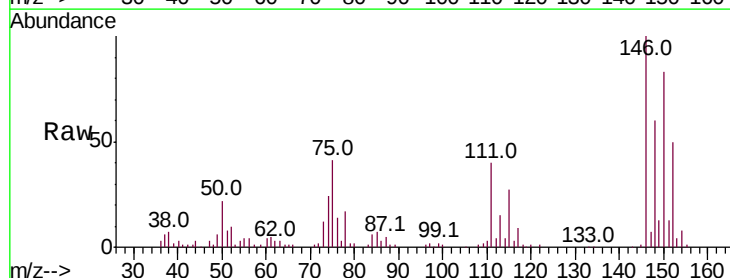


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

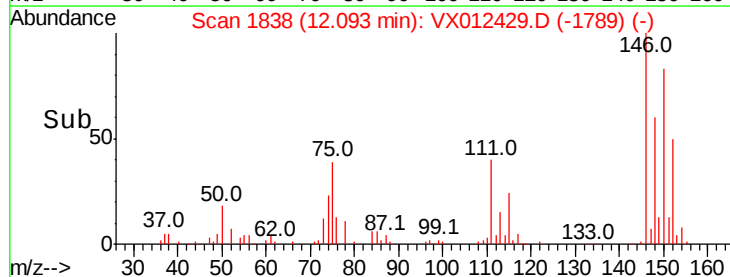
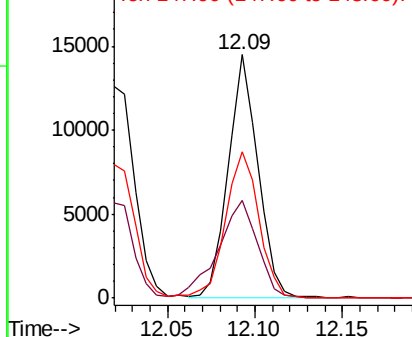


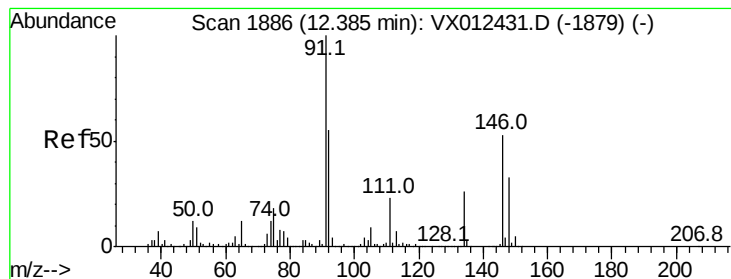
#88
 1,4-Dichlorobenzene
 Concen: 4.497 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion:146 Resp: 17243
 Ion Ratio Lower Upper
 146 100
 111 53.0 21.1 63.3
 148 67.0 32.1 96.5



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: 4.243 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

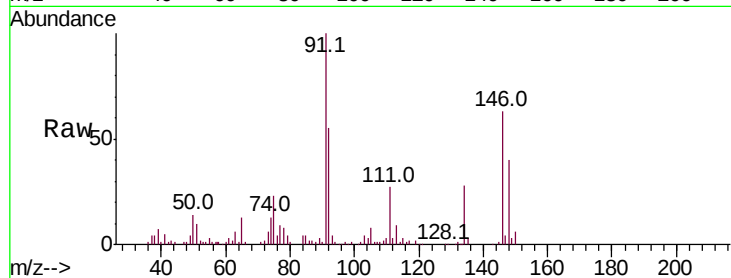
Tot Ion: 91 Resp: 27641

Ion Ratio Lower Upper

91 100

92 52.9 27.7 83.0

134 25.2 12.9 38.6

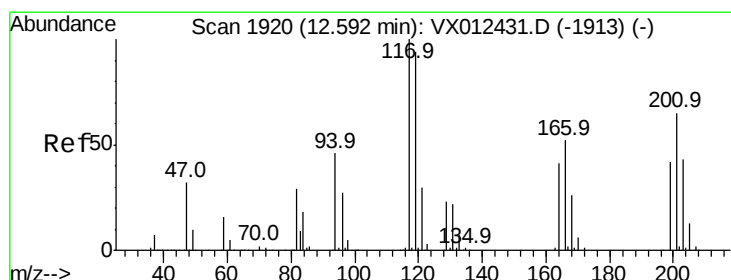
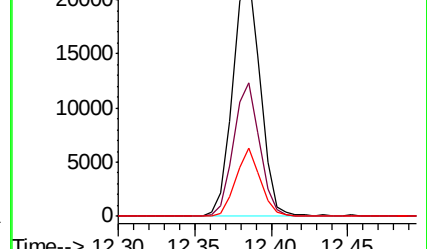
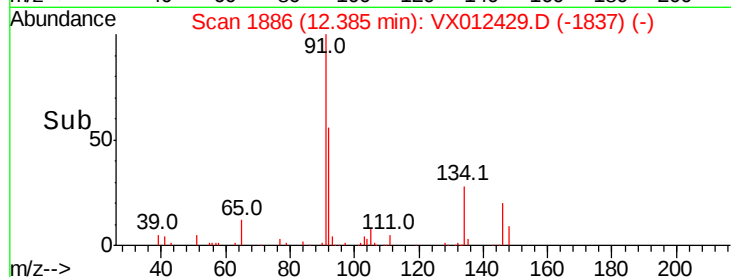


Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX012431.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX012431.D (-1879) (-)

Time--> 12.30 12.35 12.40 12.45



#90

Hexachloroethane

Concen: 3.922 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012429.D

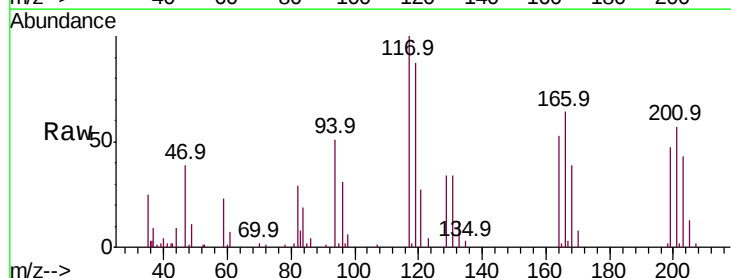
Acq: 17 Sep 2019 12:23

Tgt Ion: 117 Resp: 5583

Ion Ratio Lower Upper

117 100

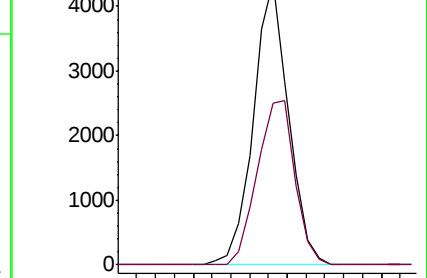
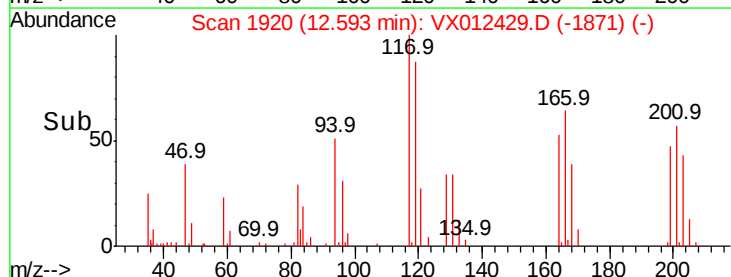
201 63.2 33.3 99.8

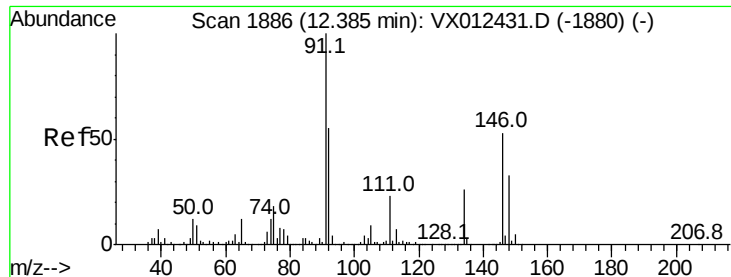


Abundance Ion 116.80 (116.50 to 117.50): VX012431.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012431.D (-1913) (-)

Time--> 12.55 12.60 12.65

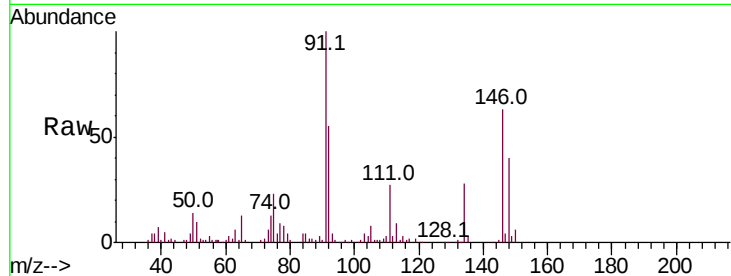




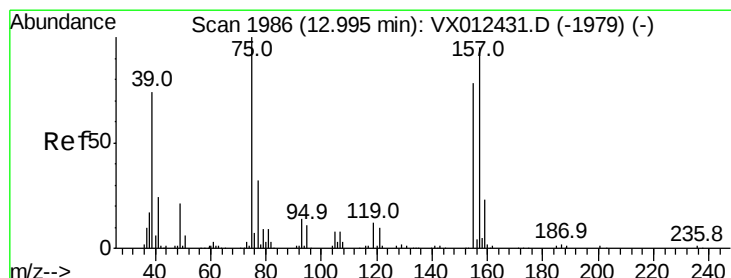
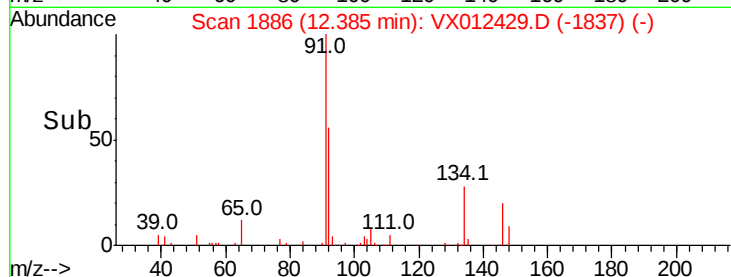
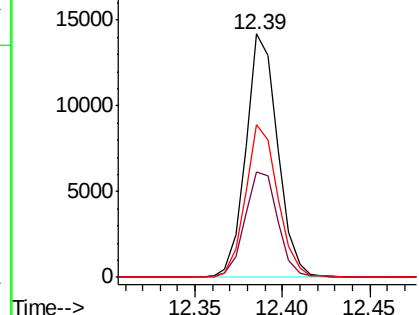
#91
 1,2-Dichlorobenzene
 Concen: 4.594 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 17881
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.1 66.1
 148 63.5 31.3 93.9

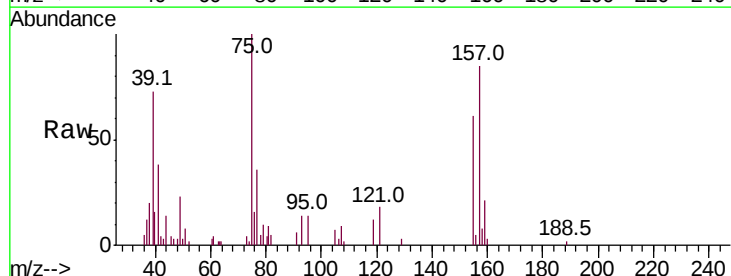


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

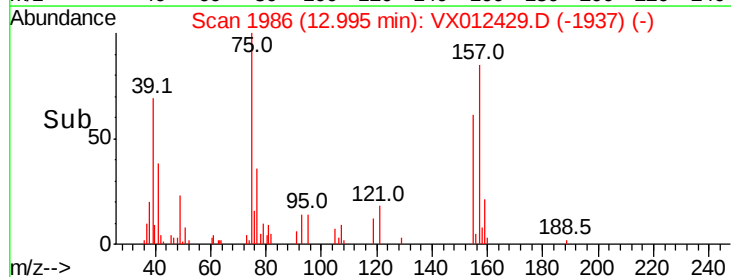
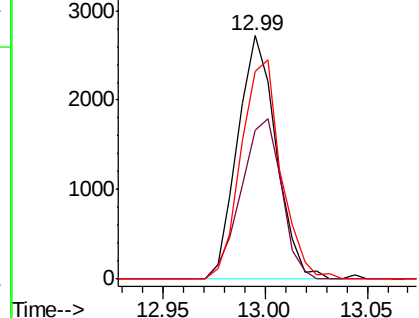


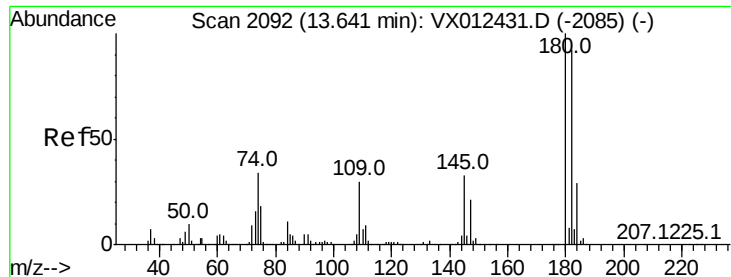
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.260 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 75 Resp: 3572
 Ion Ratio Lower Upper
 75 100
 155 68.8 38.6 115.8
 157 92.8 50.6 151.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 4.069 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

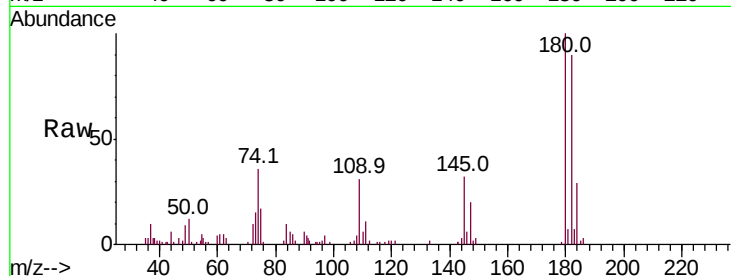
Tot Ion:180 Resp: 10566

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.0

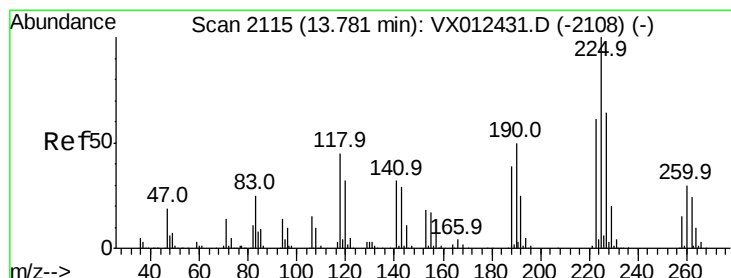
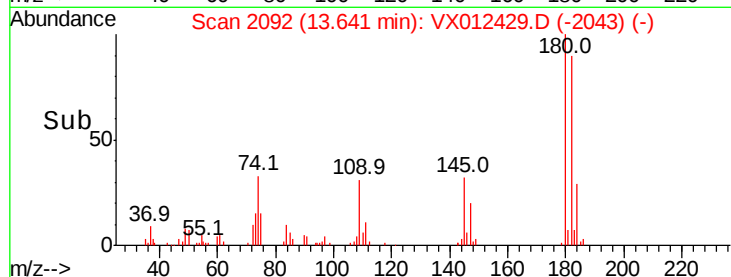
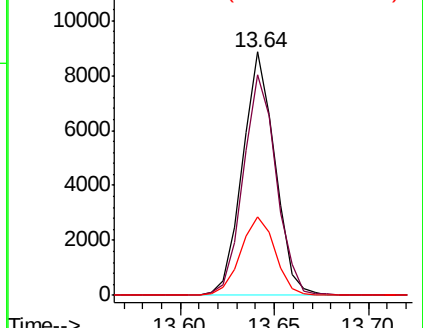
145 34.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 4.088 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

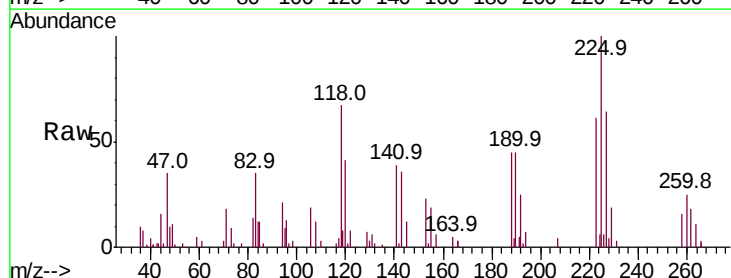
Tgt Ion:225 Resp: 5075

Ion Ratio Lower Upper

225 100

223 58.1 32.0 96.2

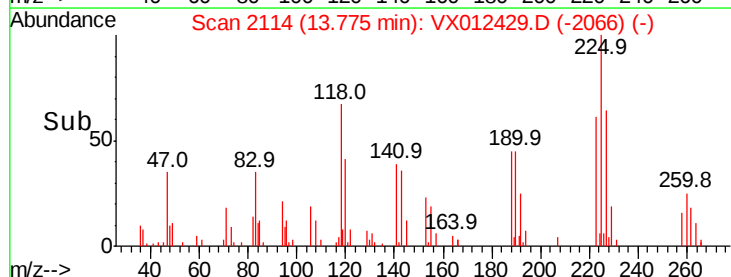
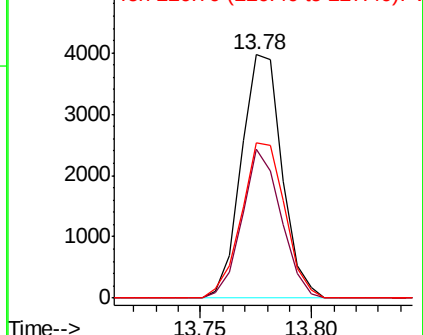
227 67.7 31.9 95.5

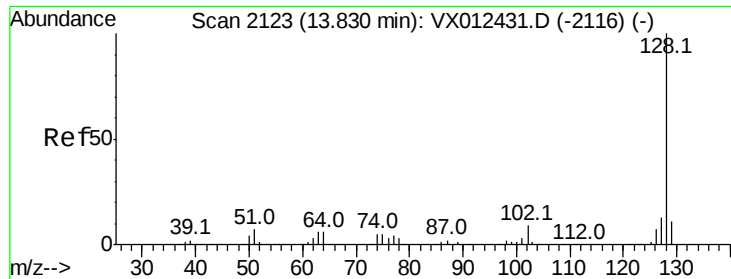


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

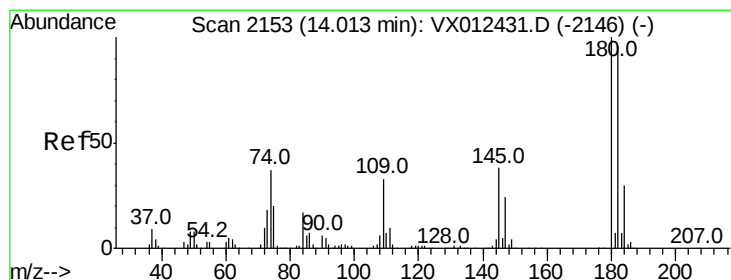
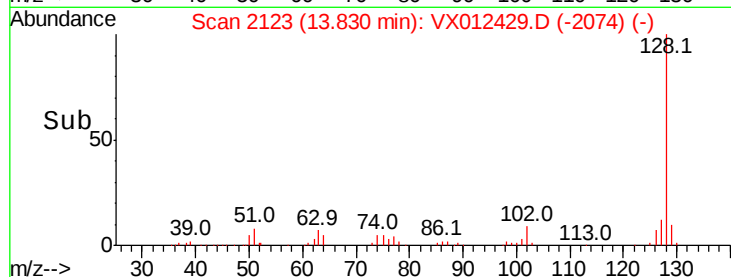
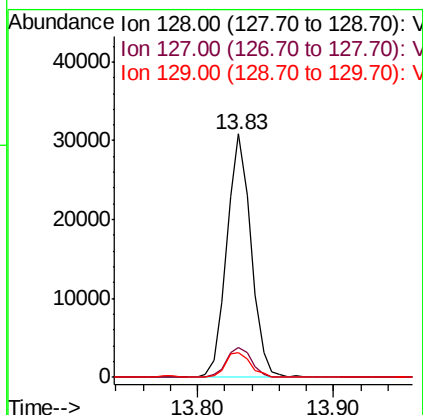
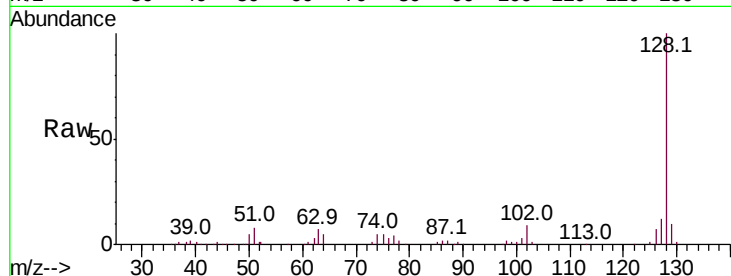




#95
Naphthalene
Concen: 4.297 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 38111
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.175 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:180 Resp: 10789
Ion Ratio Lower Upper
180 100
182 98.0 47.1 141.3
145 36.3 18.0 54.0

