

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081519\
 Data File : VX011567.D
 Acq On : 15 Aug 2019 19:14
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 16 03:55:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 03:49:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	399445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	548019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	283453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	338920	82.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.70%	
35) Dibromofluoromethane	5.49	113	329667	95.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.94%	
50) Toluene-d8	8.71	98	1061491	84.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	169.12%	
62) 4-Bromofluorobenzene	11.13	95	451454	96.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	405893	108.345	ug/l	100
3) Chloromethane	1.32	50	371426	100.118	ug/l	99
4) Vinyl Chloride	1.40	62	363986	97.882	ug/l	99
5) Bromomethane	1.63	94	159177	78.071	ug/l	98
6) Chloroethane	1.70	64	169752	74.944	ug/l	98
7) Trichlorofluoromethane	1.92	101	497294	81.133	ug/l	99
8) Diethyl Ether	2.18	74	171397	80.733	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	326986	90.662	ug/l	99
10) Methyl Iodide	2.50	142	520395	108.672	ug/l	100
11) Tert butyl alcohol	3.05	59	452394	457.651	ug/l	99
12) 1,1-Dichloroethene	2.36	96	322288	91.693	ug/l	98
13) Acrolein	2.29	56	133465	260.183	ug/l	97
14) Allyl chloride	2.71	41	565668	107.389	ug/l	100
15) Acrylonitrile	3.14	53	1035066	509.805	ug/l	99
16) Acetone	2.44	43	884492	462.693	ug/l	99
17) Carbon Disulfide	2.56	76	801155	89.836	ug/l	100
18) Methyl Acetate	2.76	43	580344	123.578	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	1106153	96.258	ug/l	99
20) Methylene Chloride	2.85	84	362603	89.719	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	347819	92.692	ug/l	98
22) Diisopropyl ether	3.85	45	1109224	100.297	ug/l	99
23) Vinyl Acetate	3.81	43	4551025	493.894	ug/l	100
24) 1,1-Dichloroethane	3.69	63	613541	96.357	ug/l	99
25) 2-Butanone	4.67	43	1453546	520.140	ug/l	97
26) 2,2-Dichloropropane	4.57	77	475506	92.380	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	407982	93.415	ug/l	100
28) Bromochloromethane	5.01	49	272325	91.414	ug/l	100
29) Tetrahydrofuran	5.12	42	951736	532.313	ug/l	100
30) Chloroform	5.20	83	645630	94.055	ug/l	99
31) Cyclohexane	5.57	56	535964	92.892	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	578512	97.570	ug/l	99
36) 1,1-Dichloropropene	5.79	75	466238	102.411	ug/l	100
37) Ethyl Acetate	4.83	43	541225	114.109	ug/l	100
38) Carbon Tetrachloride	5.77	117	520720	108.861	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	562869	96.140	ug/l	99
40) Benzene	6.13	78	1421841	101.898	ug/l	99
41) Methacrylonitrile	5.04	41	303086	111.248	ug/l	99
42) 1,2-Dichloroethane	6.18	62	496020	101.428	ug/l	99
43) Isopropyl Acetate	6.44	43	852871	110.015	ug/l	100
44) Trichloroethene	7.21	130	428777	103.679	ug/l	99
45) 1,2-Dichloropropane	7.51	63	366181	102.741	ug/l	98
46) Dibromomethane	7.66	93	254122	100.694	ug/l	100
47) Bromodichloromethane	7.90	83	494970	108.982	ug/l	100
48) Methyl methacrylate	7.77	41	434571	113.878	ug/l	100
49) 1,4-Dioxane	7.74	88	219703	2091.307	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2799789	554.855	ug/l	99
52) Toluene	8.78	92	917075	100.463	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	551310	113.264	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	595149	110.200	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	388982	103.081	ug/l	99
56) Ethyl methacrylate	9.18	69	611076	110.502	ug/l	99
57) 1,3-Dichloropropane	9.37	76	614518	102.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1480367	556.932	ug/l	99
59) 2-Hexanone	9.49	43	2188244	560.908	ug/l	99
60) Dibromochloromethane	9.58	129	449889	116.548	ug/l	99
61) 1,2-Dibromoethane	9.67	107	423664	105.674	ug/l	99
64) Tetrachloroethene	9.34	164	399941	100.357	ug/l	98
65) Chlorobenzene	10.13	112	1045194	100.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	408783	111.104	ug/l	100
67) Ethyl Benzene	10.25	91	1785943	101.570	ug/l	100
68) m/p-Xylenes	10.36	106	1378068	203.590	ug/l	98
69) o-Xylene	10.69	106	678435	103.043	ug/l	97
70) Styrene	10.71	104	1183212	107.522	ug/l	99
71) Bromoform	10.85	173	384897	129.660	ug/l #	99
73) Isopropylbenzene	11.02	105	1815597	94.695	ug/l	100
74) N-amyl acetate	10.90	43	793632	107.384	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	611561	97.136	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	702093	135.471	ug/l	85
77) Bromobenzene	11.26	156	531583	99.319	ug/l	99
78) n-propylbenzene	11.36	91	2002397	94.908	ug/l	100
79) 2-Chlorotoluene	11.42	91	1201305	94.335	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1550113	96.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	202948	108.966	ug/l	96
82) 4-Chlorotoluene	11.51	91	1399555	94.632	ug/l	100
83) tert-Butylbenzene	11.77	119	1577138	99.646	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1569184	97.108	ug/l	99
85) sec-Butylbenzene	11.94	105	1781937	96.859	ug/l	100
86) p-Isopropyltoluene	12.06	119	1718893	100.509	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	925988	100.033	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	933891	98.588	ug/l	99
89) n-Butylbenzene	12.38	91	1456191	100.486	ug/l	99
90) Hexachloroethane	12.59	117	284490	105.873	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	927871	101.063	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	146062	109.841	ug/l	99

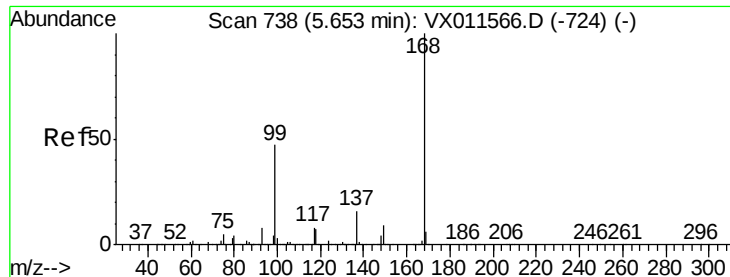
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 03:49:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	738522	116.545	ug/l	99
94) Hexachlorobutadiene	13.78	225	389720	121.646	ug/l	98
95) Naphthalene	13.83	128	2128793	114.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	734868	116.097	ug/l	99

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

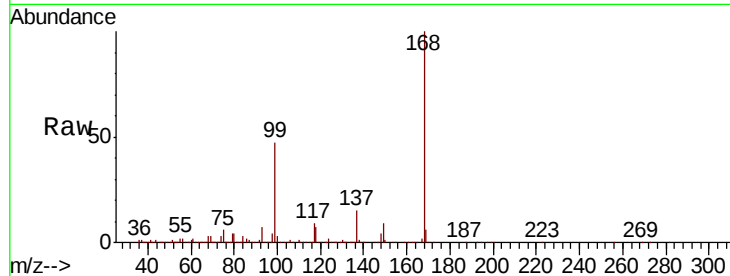


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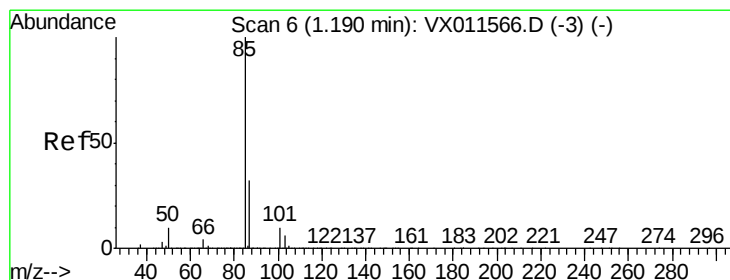
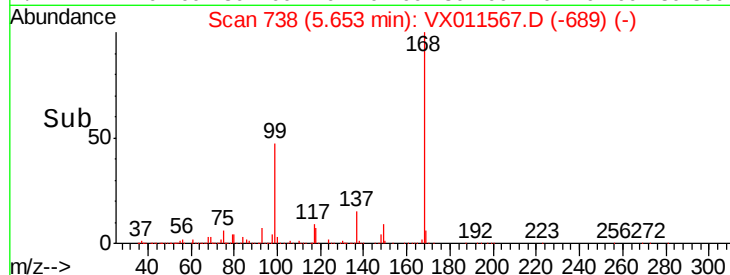
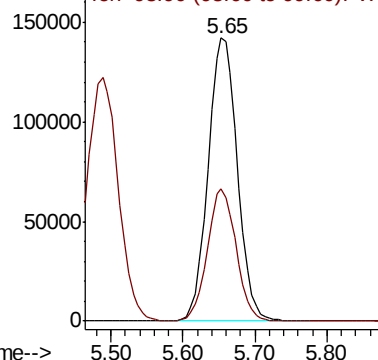
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 168 Resp: 399445
 Ion Ratio Lower Upper
 168 100
 99 46.5 37.3 55.9



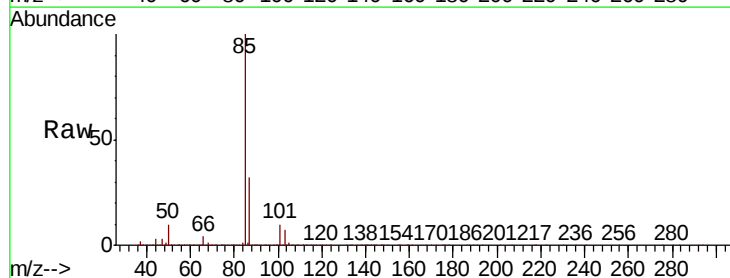
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



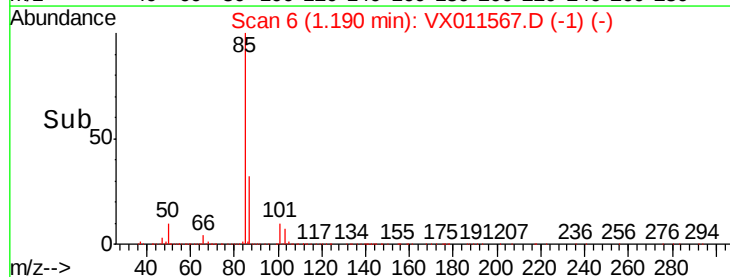
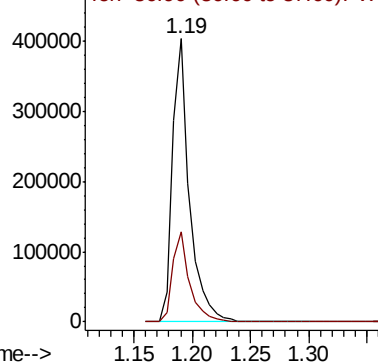
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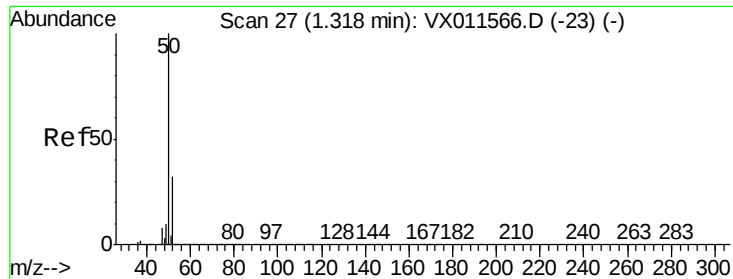
Dichlorodifluoromethane
 Concen: 108.345 ug/l
 RT: 1.19 min Scan# 6
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Tgt Ion: 85 Resp: 405893
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 100.118 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

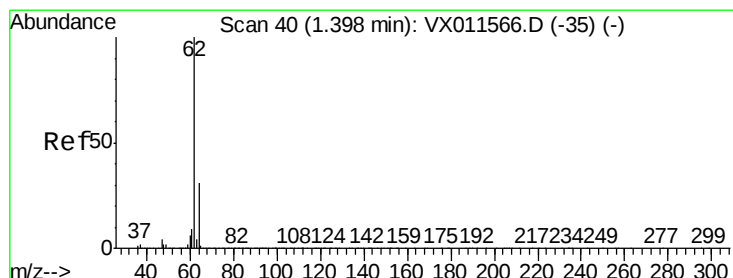
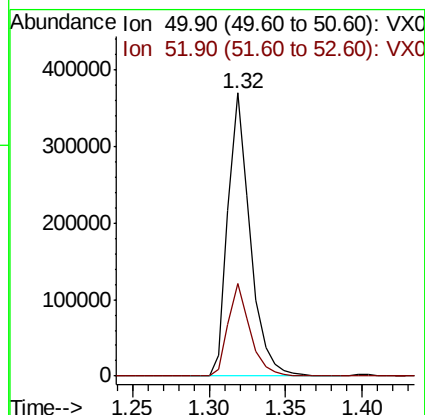
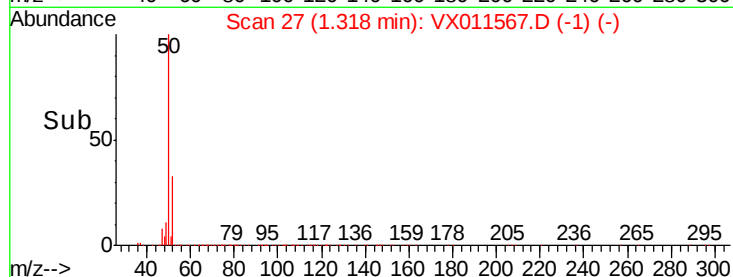
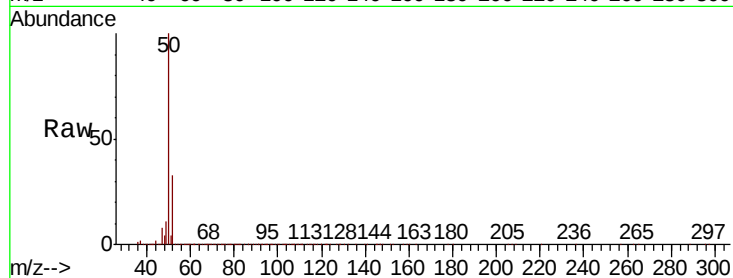
VSTDIC100

Tgt Ion: 50 Resp: 371426

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 97.882 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011567.D

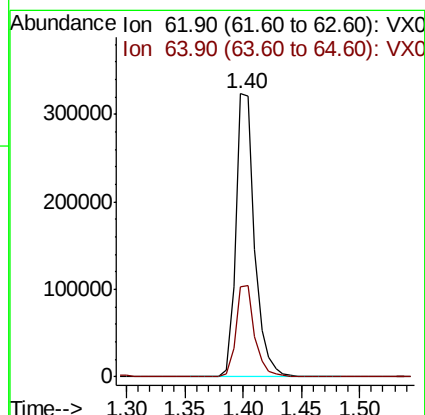
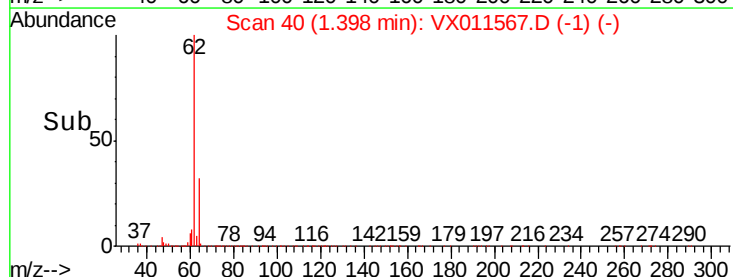
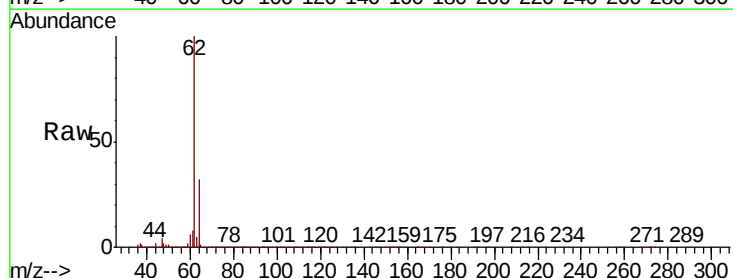
Acq: 15 Aug 2019 19:14

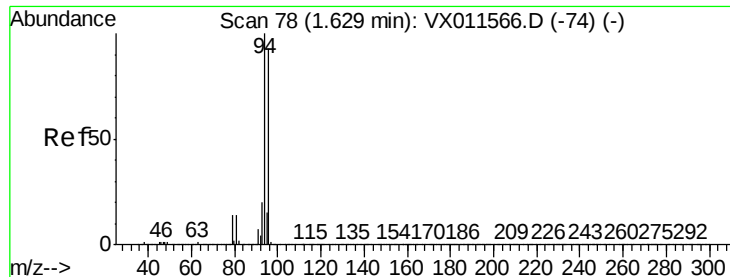
Tgt Ion: 62 Resp: 363986

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4





#5

Bromomethane

Concen: 78.071 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

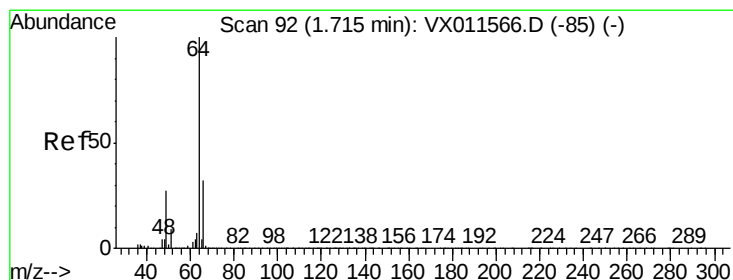
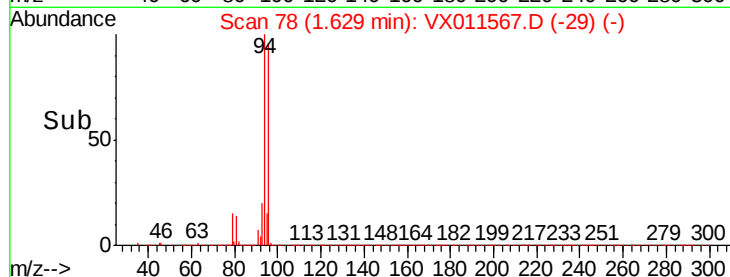
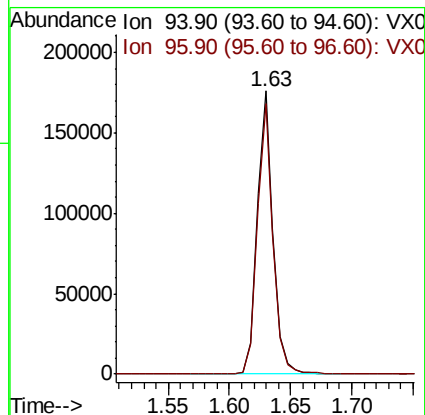
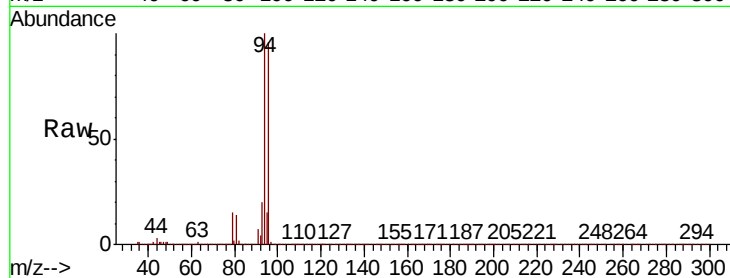
VSTDIC100

Tgt Ion: 94 Resp: 159177

Ion Ratio Lower Upper

94 100

96 95.7 74.8 112.2



#6

Chloroethane

Concen: 74.944 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX011567.D

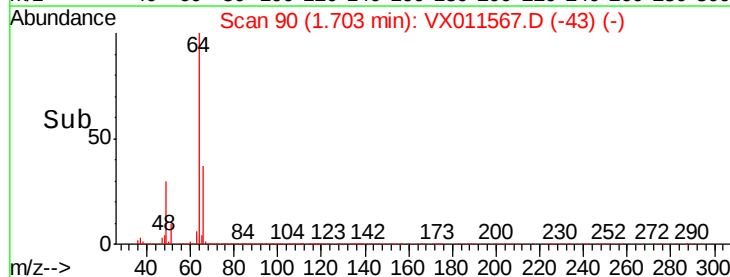
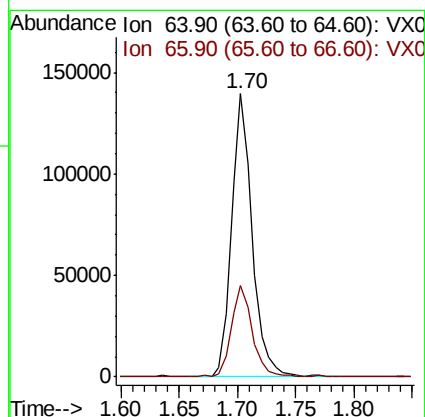
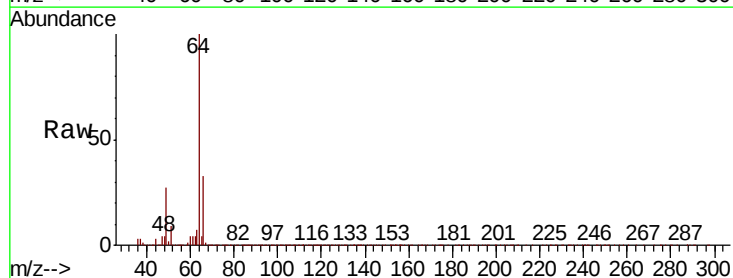
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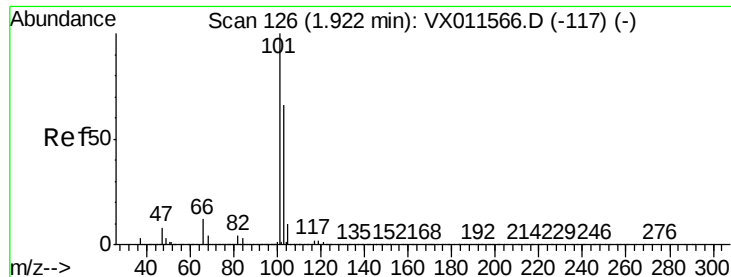
Tgt Ion: 64 Resp: 169752

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9



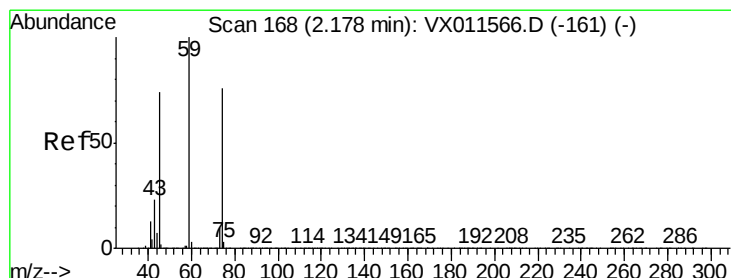
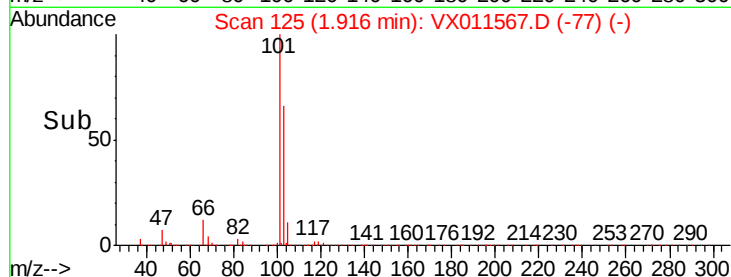
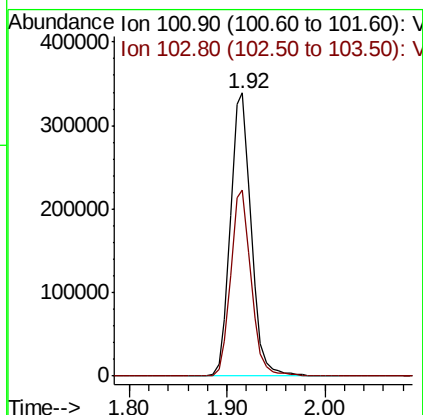
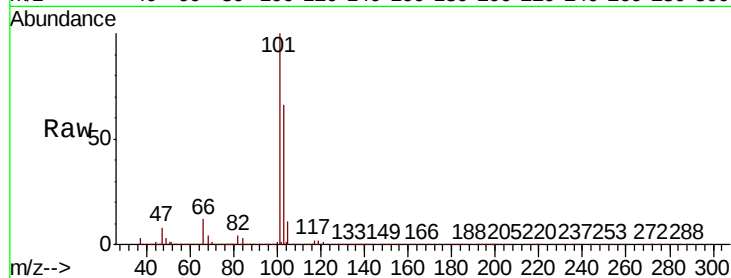


#7

Trichlorofluoromethane
Concen: 81.133 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

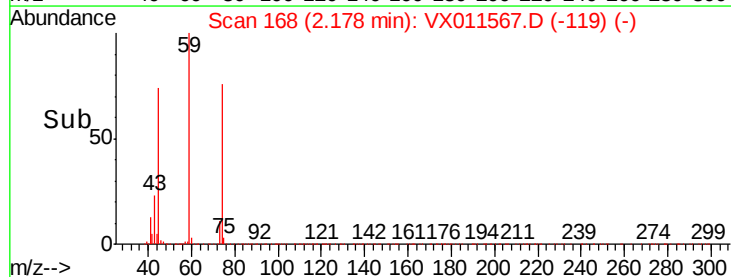
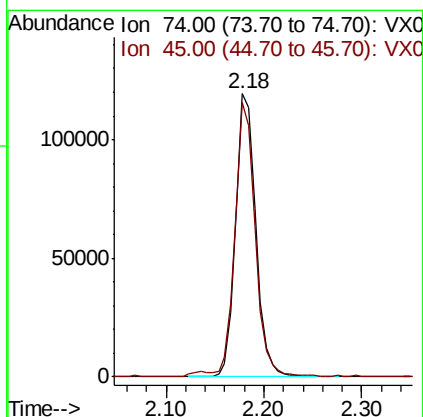
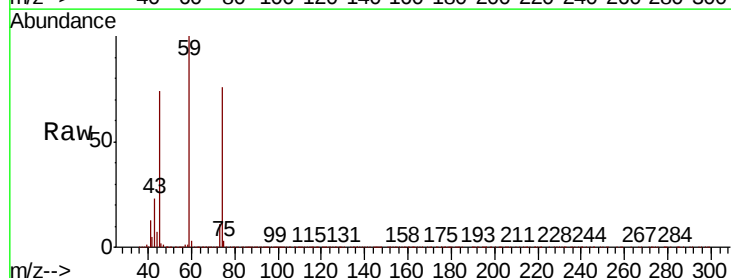
Tgt Ion:101 Resp: 497294
Ion Ratio Lower Upper
101 100
103 65.7 52.9 79.3

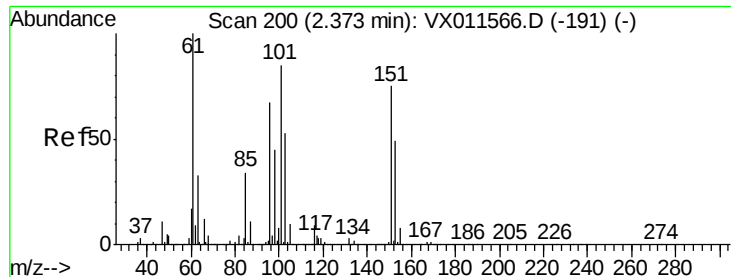


#8

Diethyl Ether
Concen: 80.733 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 74 Resp: 171397
Ion Ratio Lower Upper
74 100
45 95.8 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 90.662 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

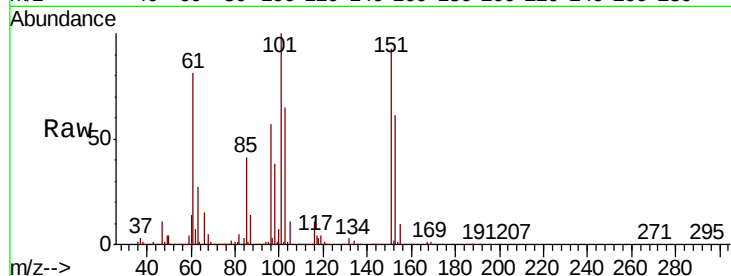
Tgt Ion:101 Resp: 326986

Ion Ratio Lower Upper

101 100

85 41.7 33.0 49.4

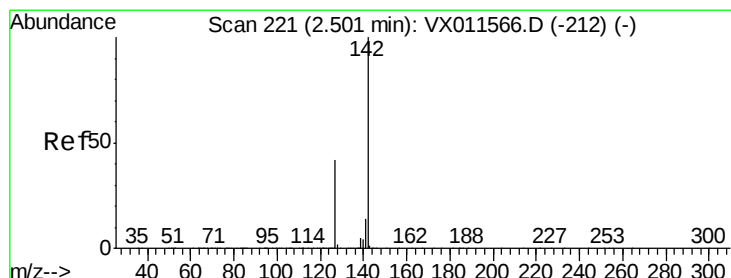
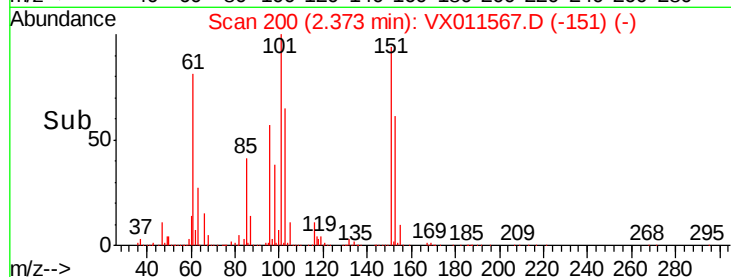
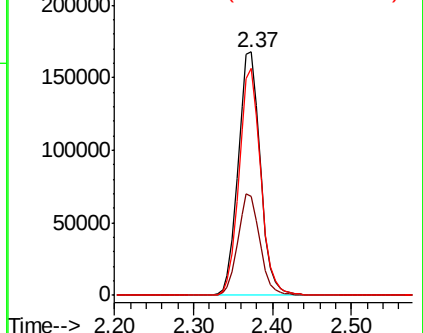
151 91.0 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 108.672 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

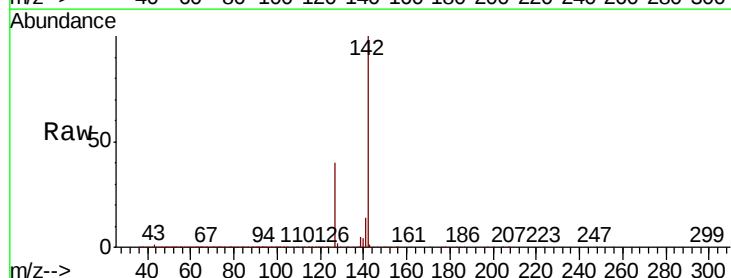
Tgt Ion:142 Resp: 520395

Ion Ratio Lower Upper

142 100

127 40.9 32.8 49.2

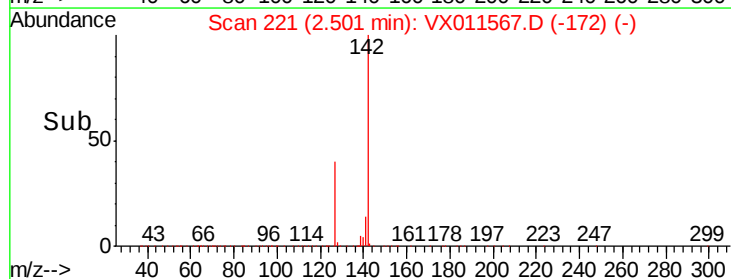
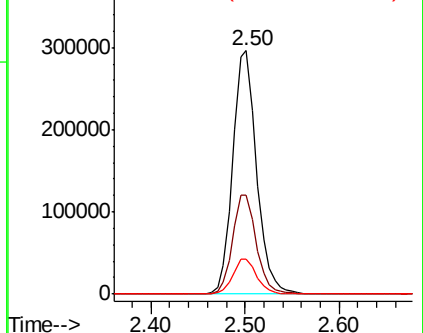
141 14.4 11.4 17.2

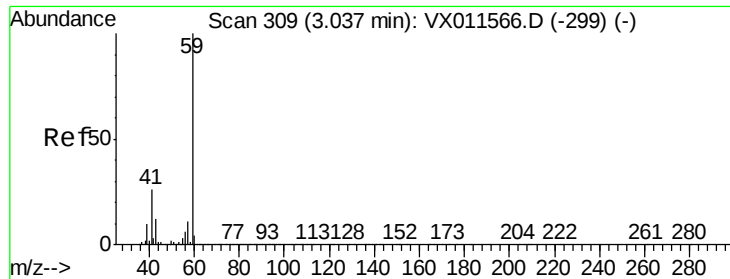


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

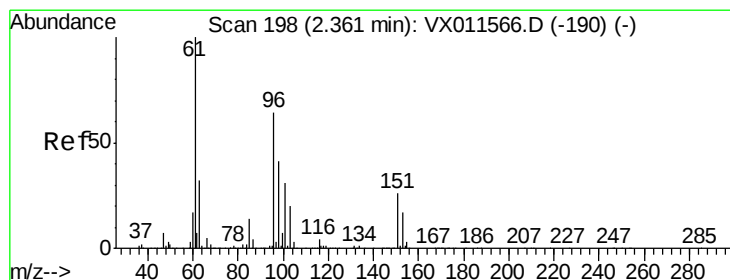
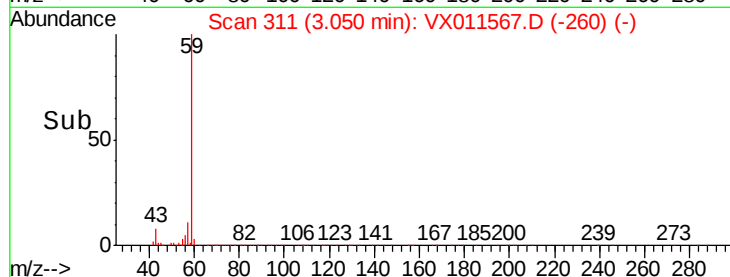
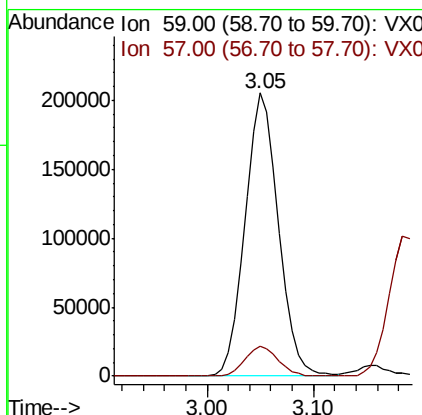
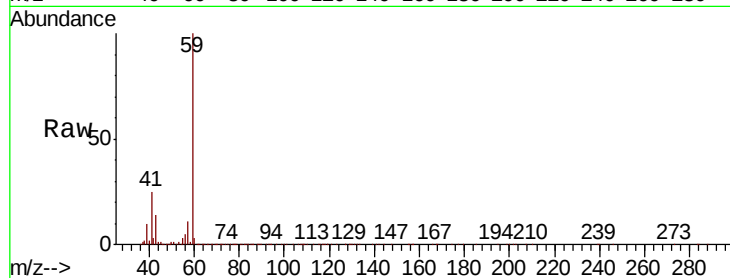




#11
Tert butyl alcohol
Concen: 457.651 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

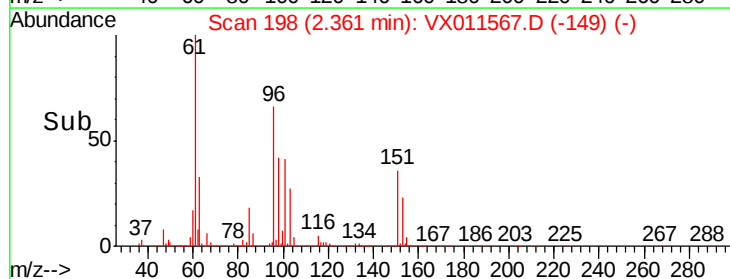
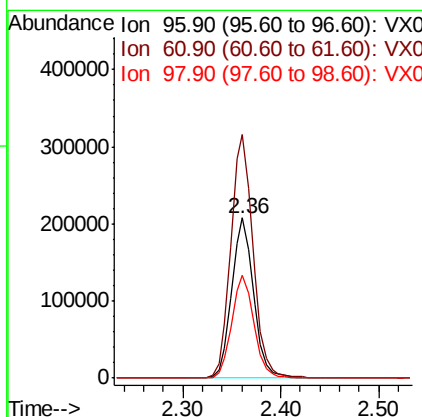
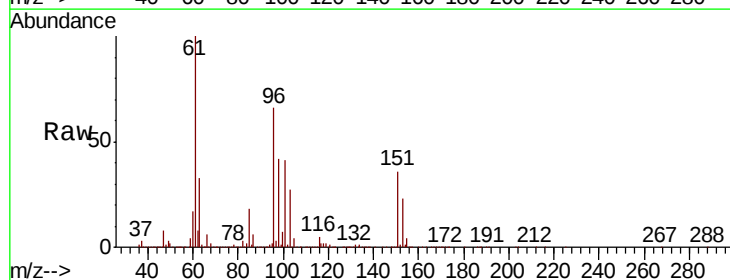
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

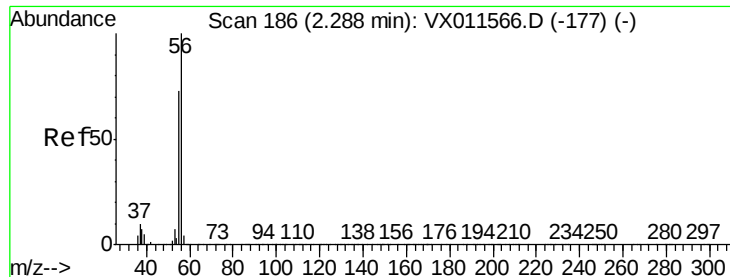
Tgt Ion: 59 Resp: 452394
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#12
1,1-Dichloroethene
Concen: 91.693 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 96 Resp: 322288
Ion Ratio Lower Upper
96 100
61 152.0 125.0 187.4
98 64.5 51.5 77.3





#13

Acrolein

Concen: 260.183 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

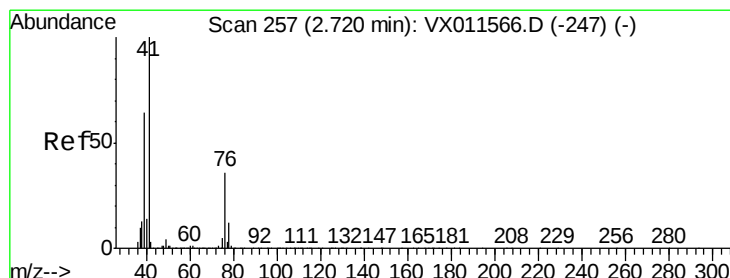
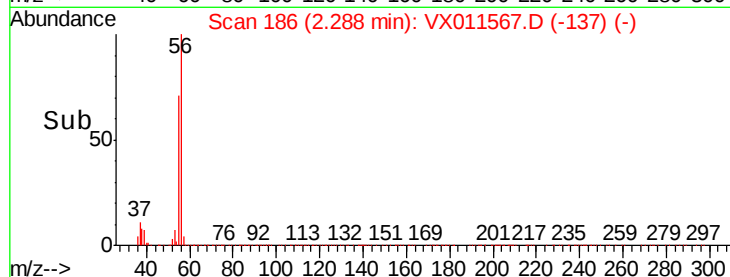
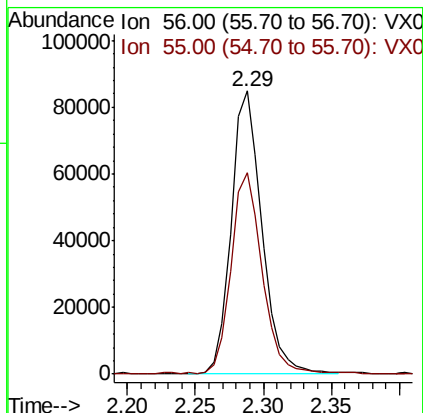
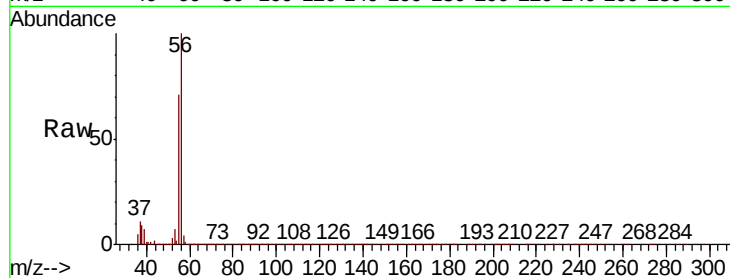
VSTDICC100

Tgt Ion: 56 Resp: 133465

Ion Ratio Lower Upper

56 100

55 71.4 55.5 83.3



#14

Allyl chloride

Concen: 107.389 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

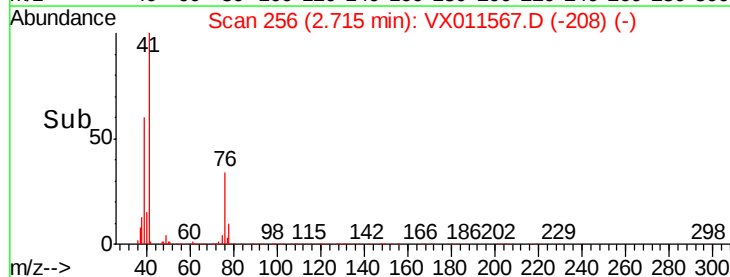
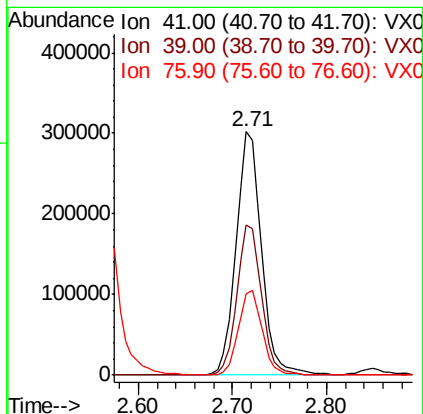
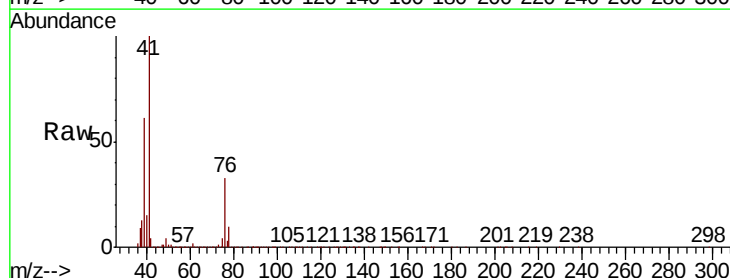
Tgt Ion: 41 Resp: 565668

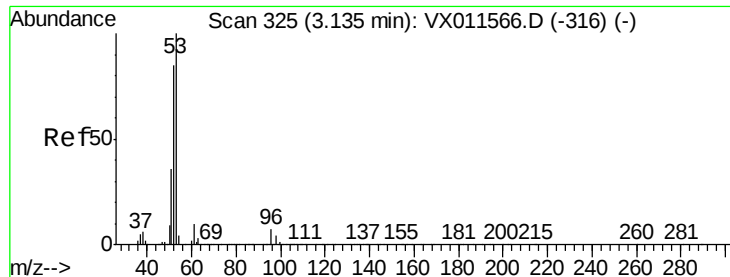
Ion Ratio Lower Upper

41 100

39 59.6 47.5 71.3

76 32.6 26.3 39.5





#15

Acrylonitrile

Concen: 509.805 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

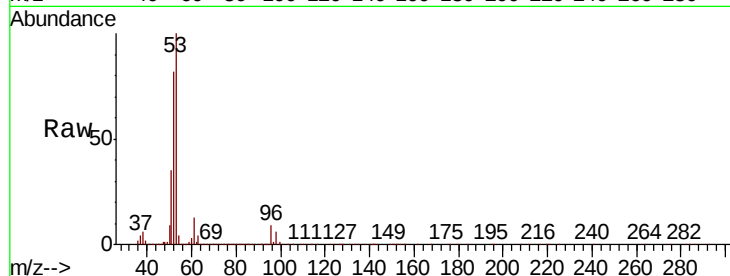
Tgt Ion: 53 Resp: 1035066

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

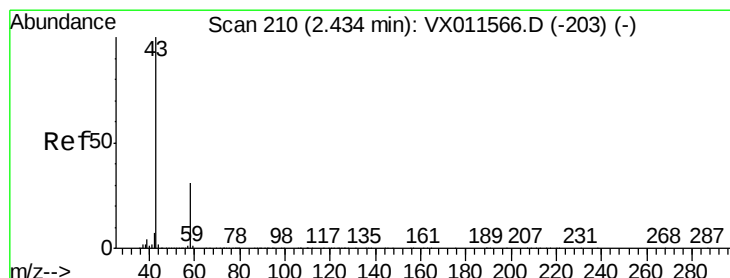
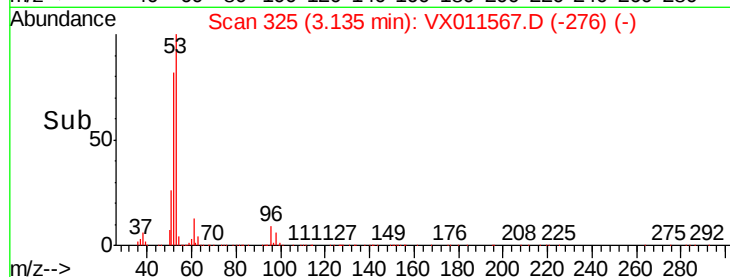
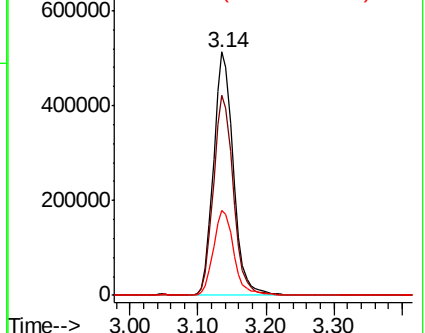
51 35.8 28.7 43.1



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: 462.693 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011567.D

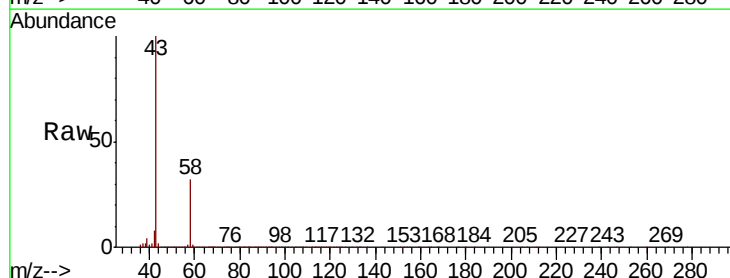
Acq: 15 Aug 2019 19:14

Tgt Ion: 43 Resp: 884492

Ion Ratio Lower Upper

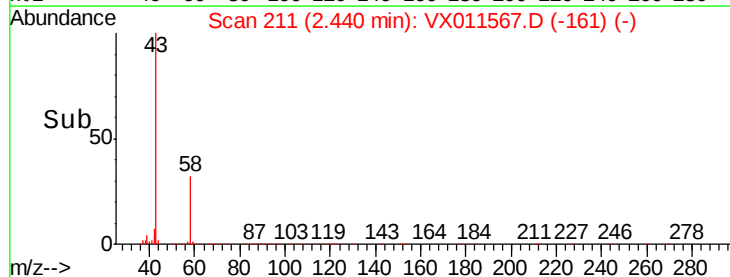
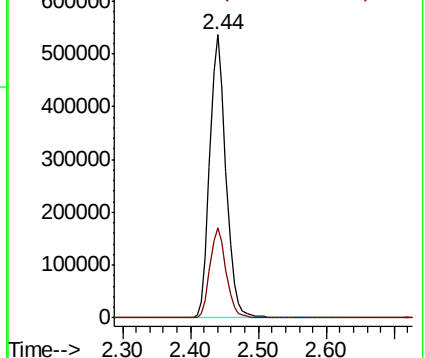
43 100

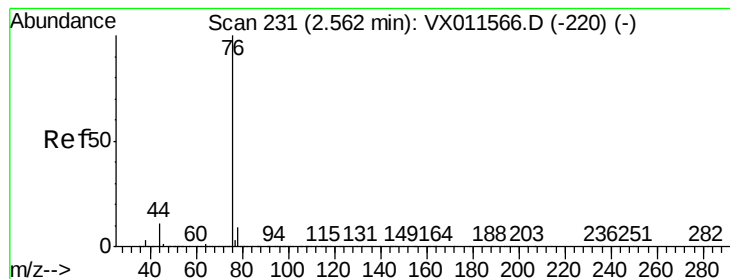
58 31.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 89.836 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

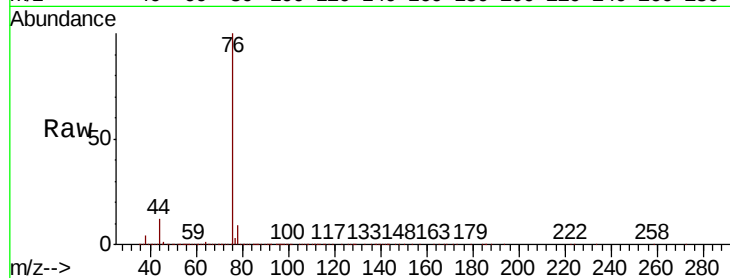
VSTDIC100

Tgt Ion: 76 Resp: 801155

Ion Ratio Lower Upper

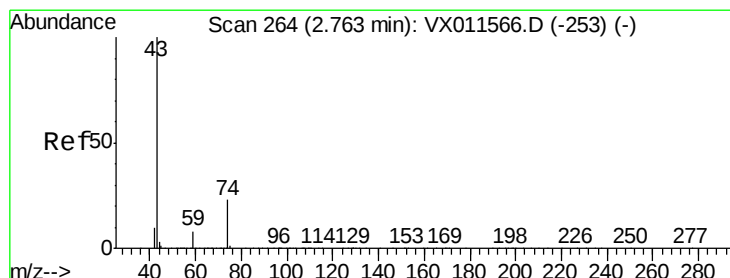
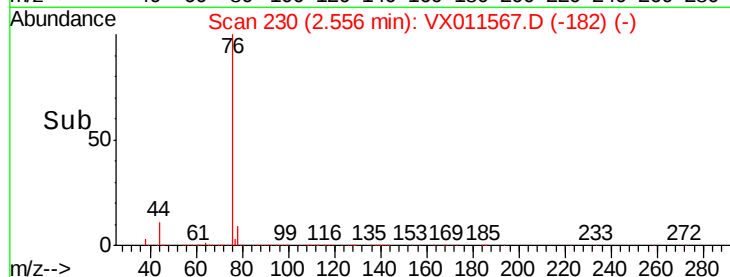
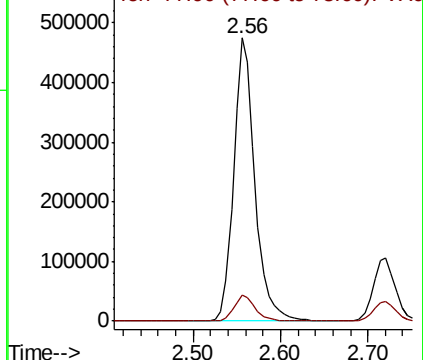
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 123.578 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011567.D

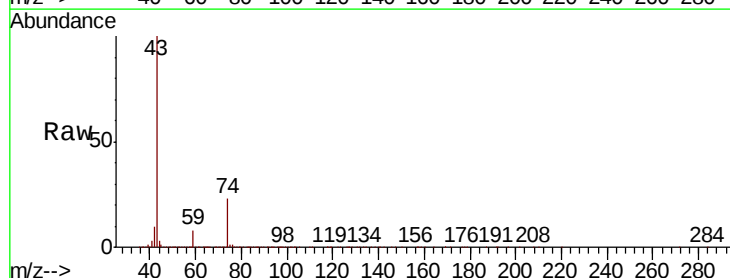
Acq: 15 Aug 2019 19:14

Tgt Ion: 43 Resp: 580344

Ion Ratio Lower Upper

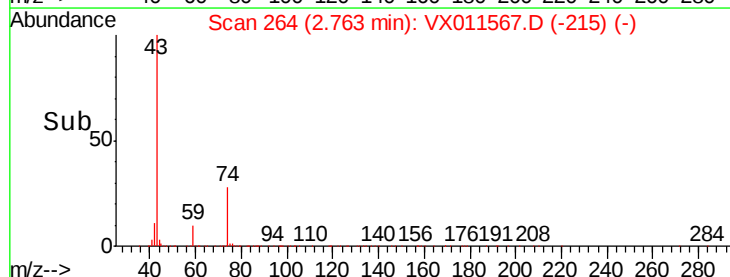
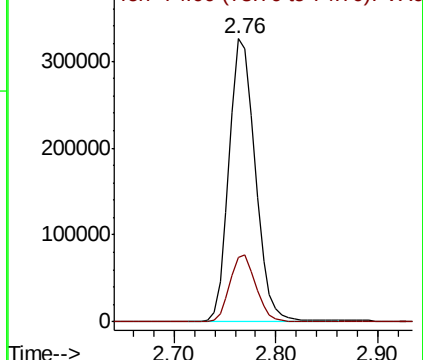
43 100

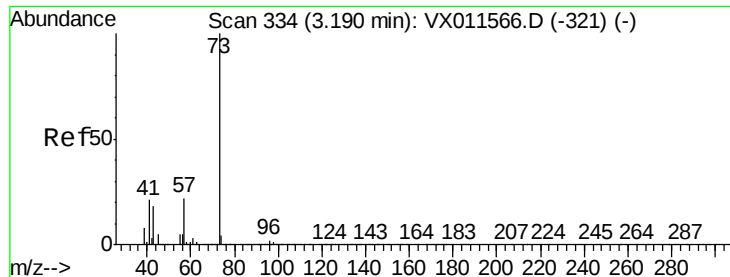
74 23.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



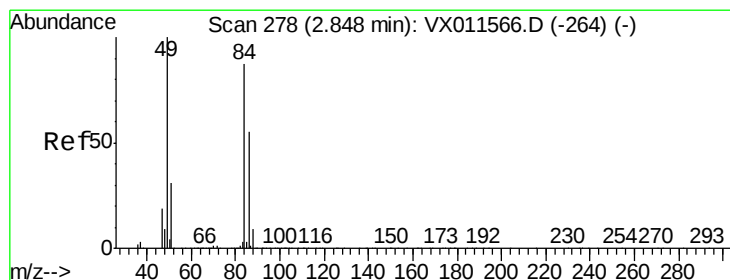
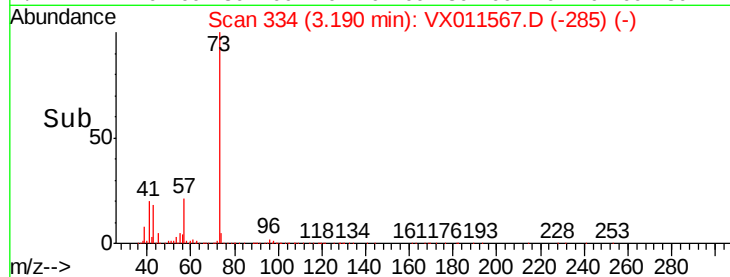
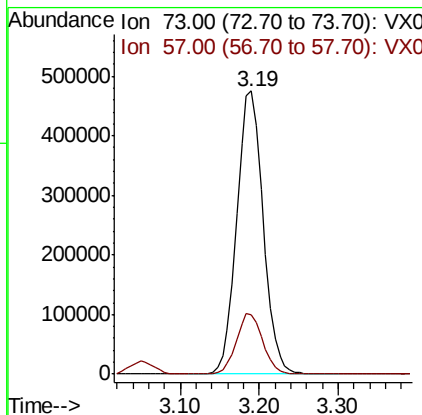
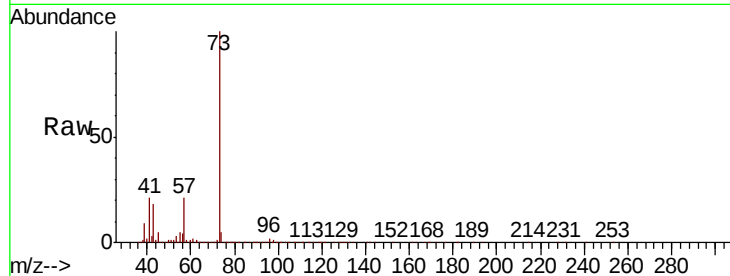


#19

Methyl tert-butyl Ether
 Concen: 96.258 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

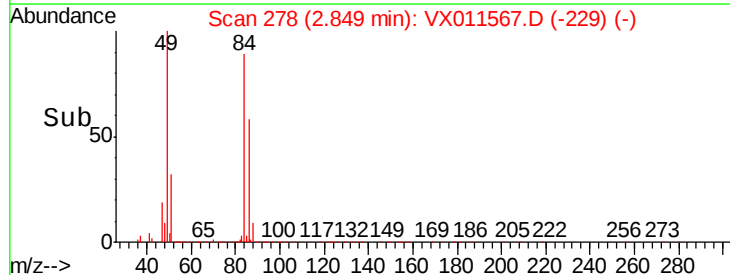
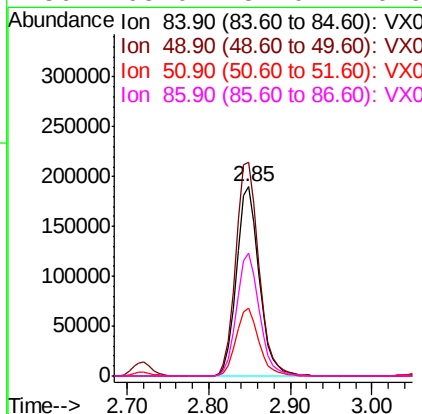
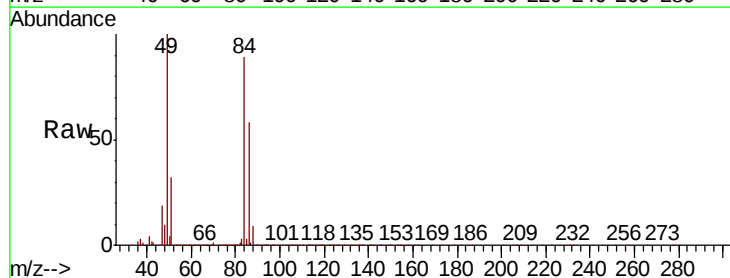
Tgt Ion: 73 Resp: 1106153
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.2 25.8

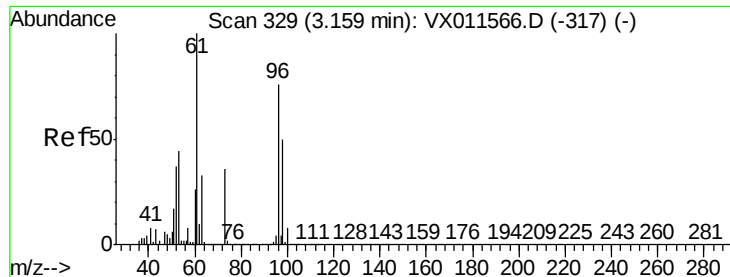


#20

Methylene Chloride
 Concen: 89.719 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Tgt Ion: 84 Resp: 362603
 Ion Ratio Lower Upper
 84 100
 49 112.9 92.4 138.6
 51 35.7 28.5 42.7
 86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 92.692 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

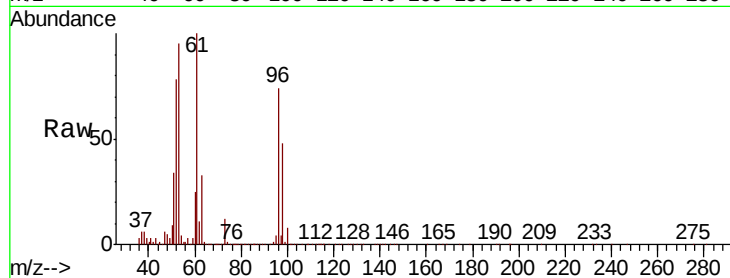
Tgt Ion: 96 Resp: 347819

Ion Ratio Lower Upper

96 100

61 134.2 105.5 158.3

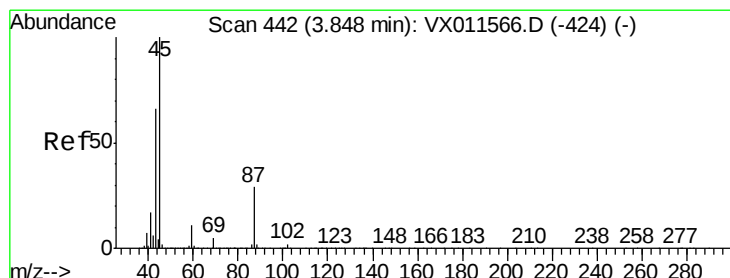
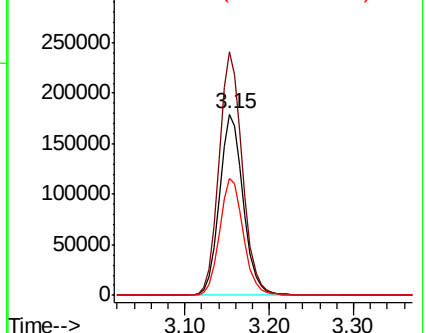
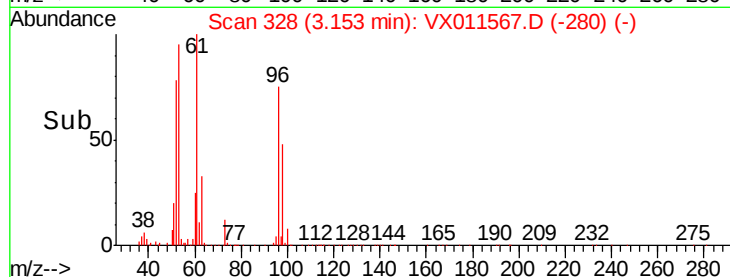
98 64.6 52.6 78.8



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: 100.297 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Tgt Ion: 45 Resp: 1109224

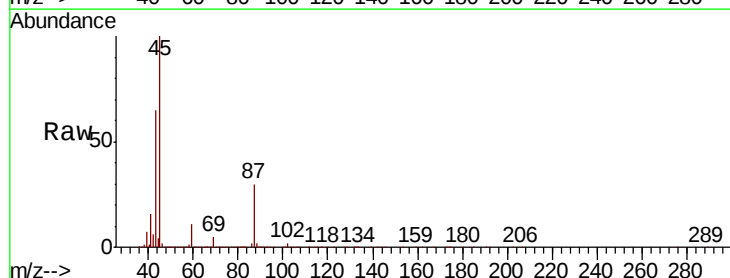
Ion Ratio Lower Upper

45 100

43 64.7 52.7 79.1

87 29.8 23.5 35.3

59 11.2 9.0 13.4

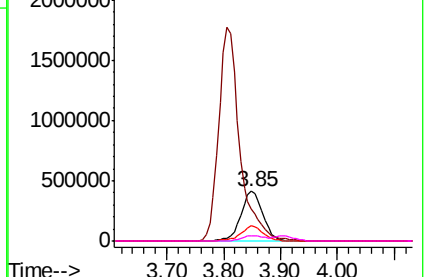
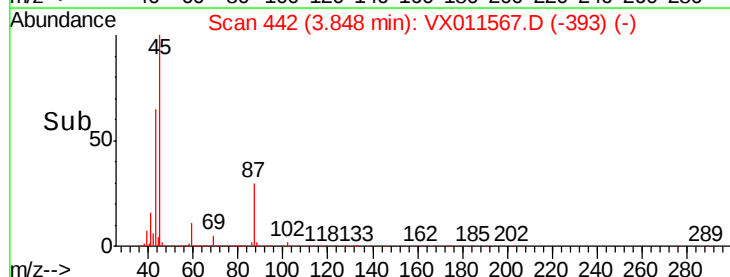


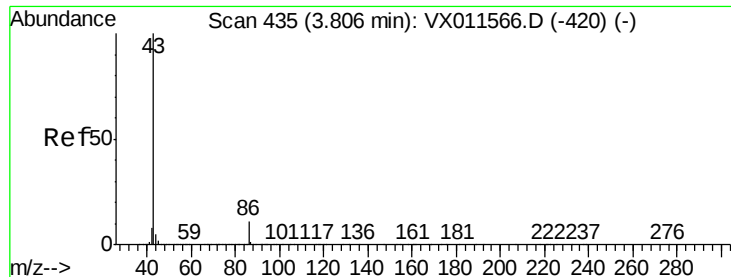
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 493.894 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

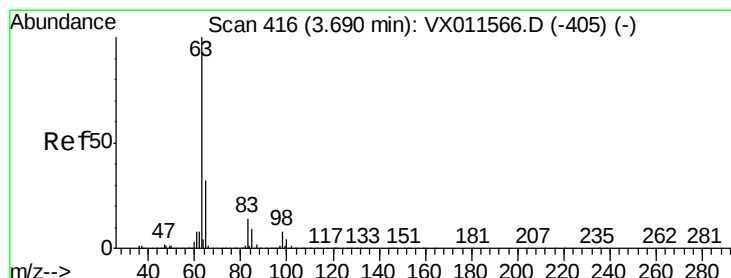
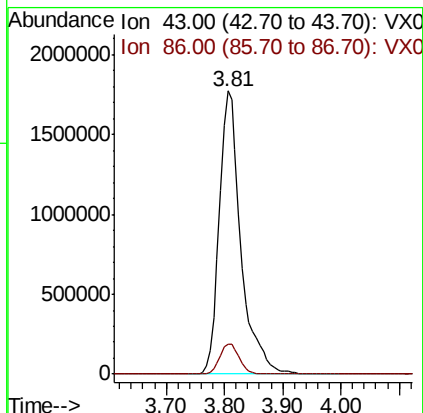
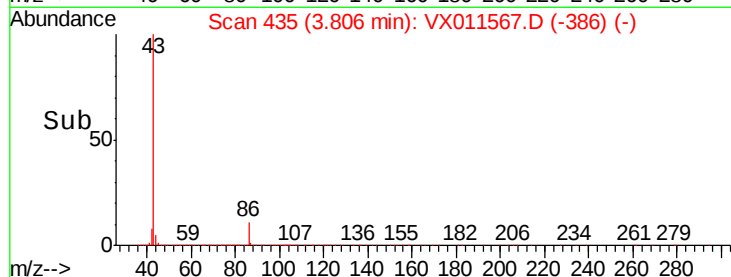
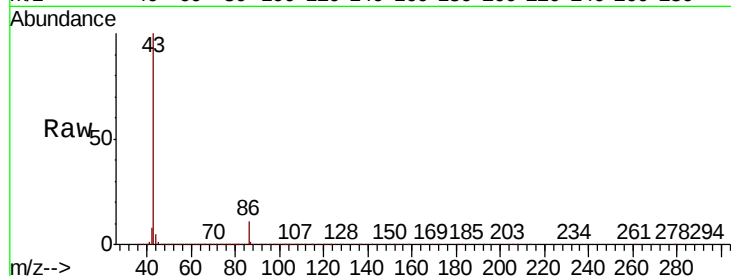
VSTDIC100

Tgt Ion: 43 Resp: 4551025

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 96.357 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

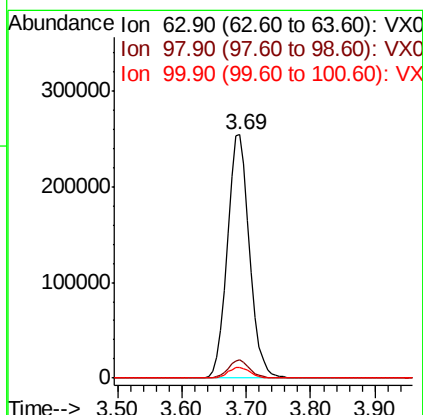
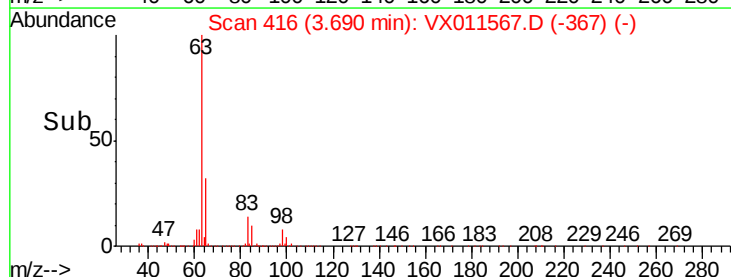
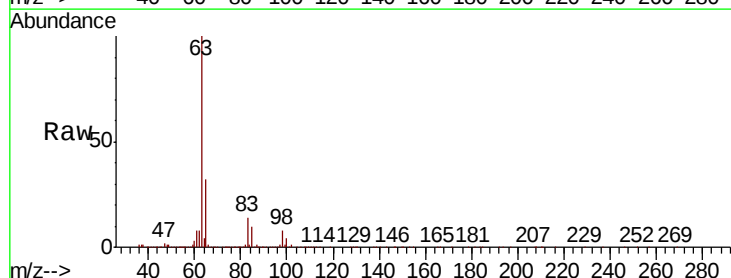
Tgt Ion: 63 Resp: 613541

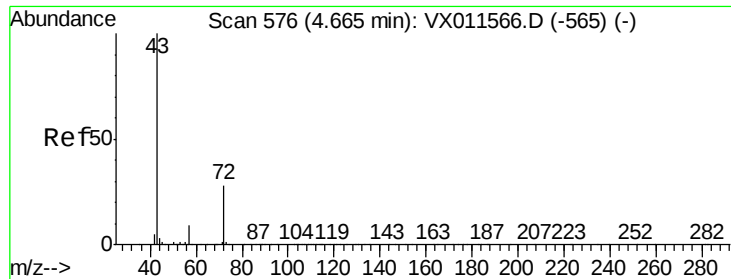
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 520.140 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

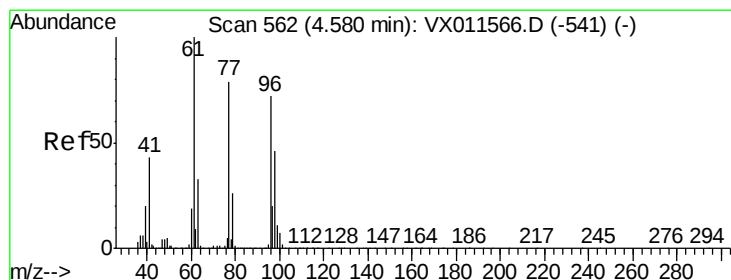
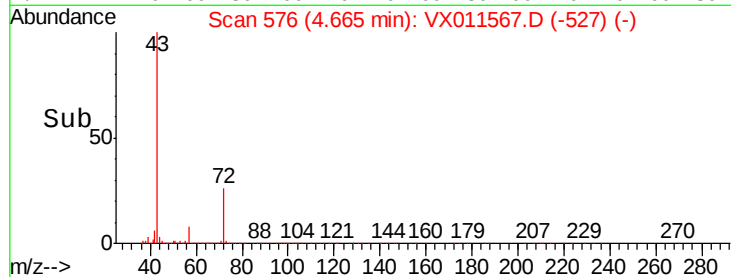
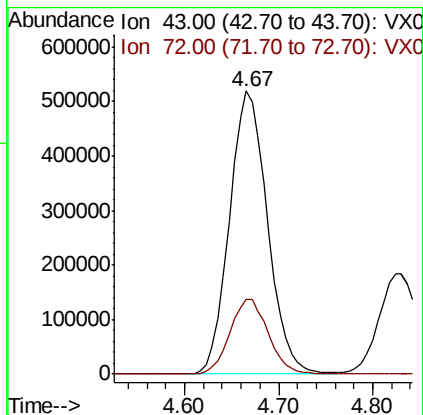
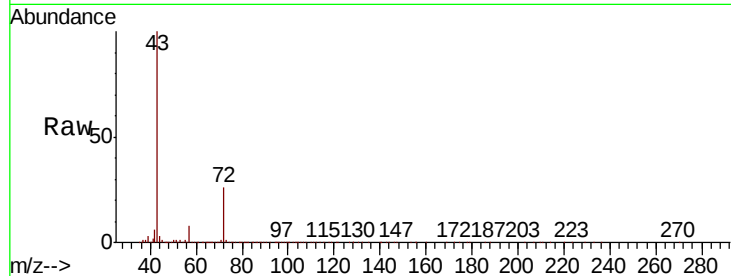
VSTDIC100

Tgt Ion: 43 Resp: 1453546

Ion Ratio Lower Upper

43 100

72 26.3 22.2 33.4



#26

2,2-Dichloropropane

Concen: 92.380 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011567.D

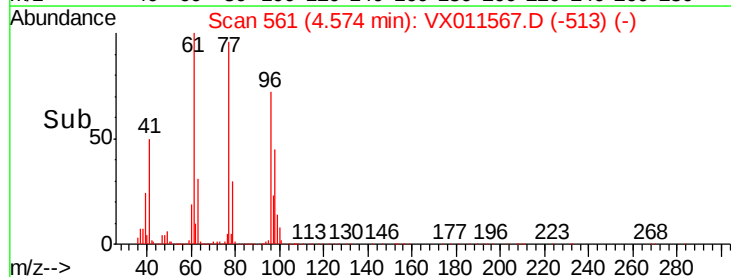
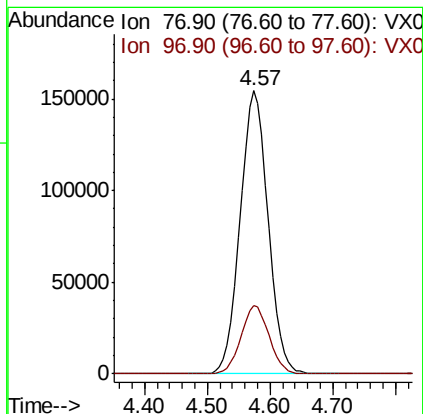
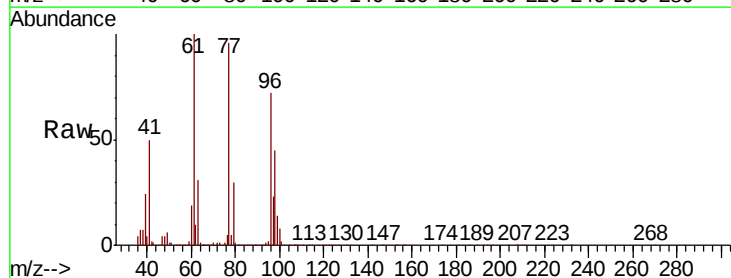
Acq: 15 Aug 2019 19:14

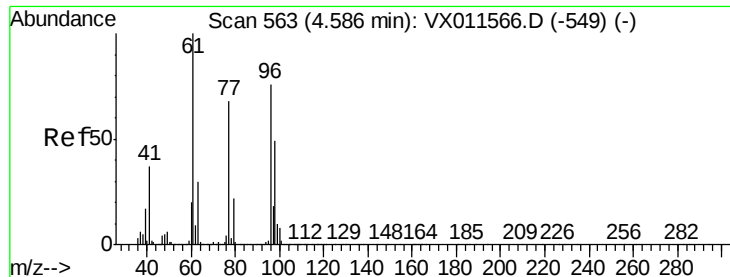
Tgt Ion: 77 Resp: 475506

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.2



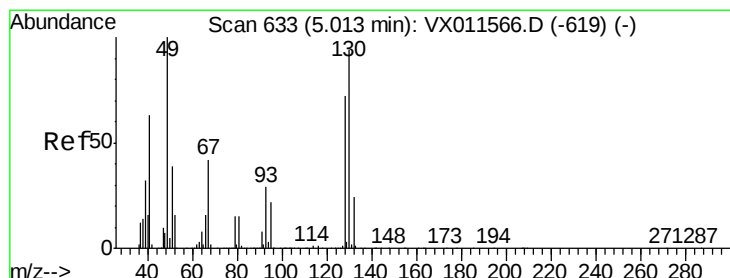
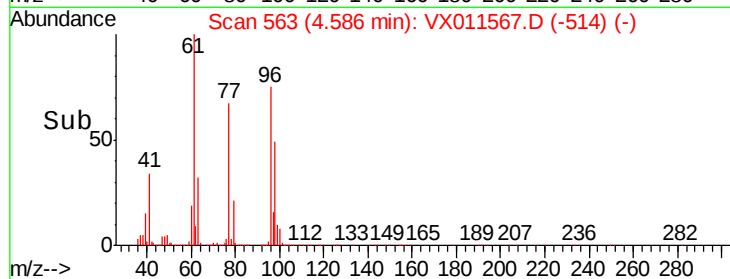
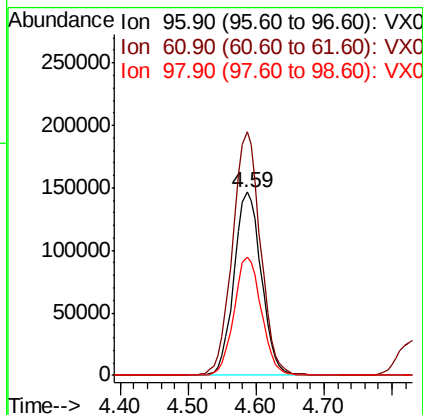
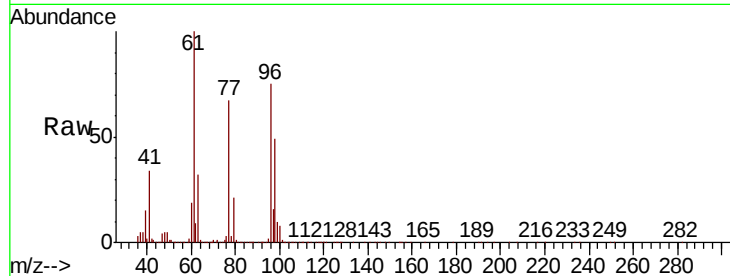


#27

cis-1,2-Dichloroethene
Concen: 93.415 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

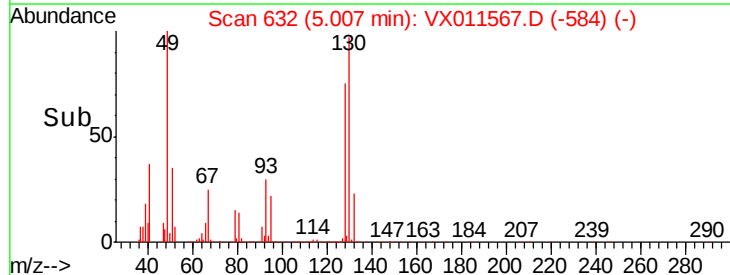
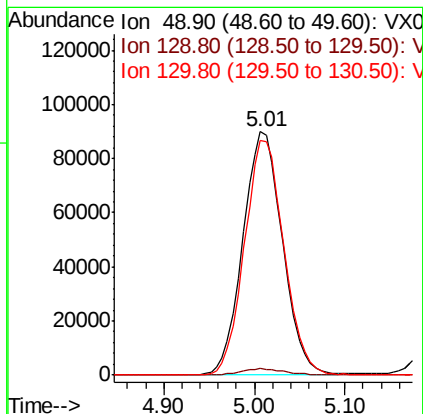
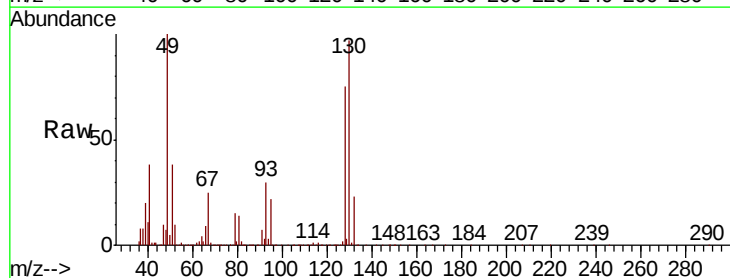
Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	272.6
98	64.8	0.0	129.4

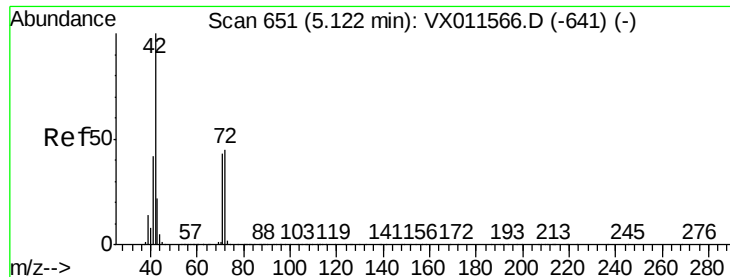


#28

Bromochloromethane
Concen: 91.414 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	96.1	76.6	115.0





#29

Tetrahydrofuran

Concen: 532.313 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

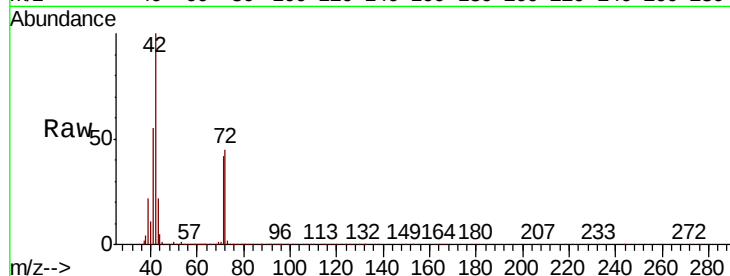
Tgt Ion: 42 Resp: 951736

Ion Ratio Lower Upper

42 100

72 45.5 36.1 54.1

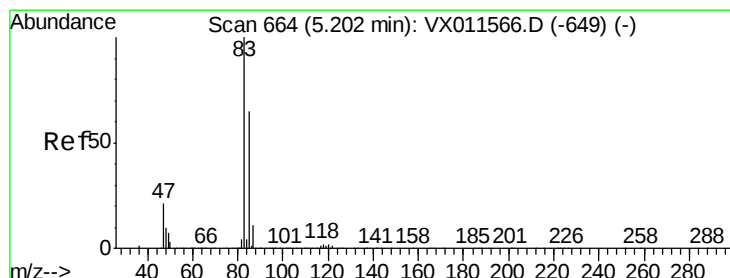
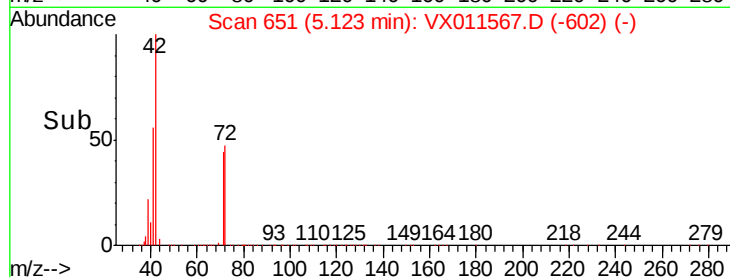
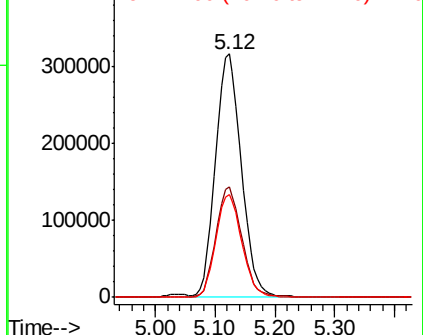
71 42.5 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 94.055 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011567.D

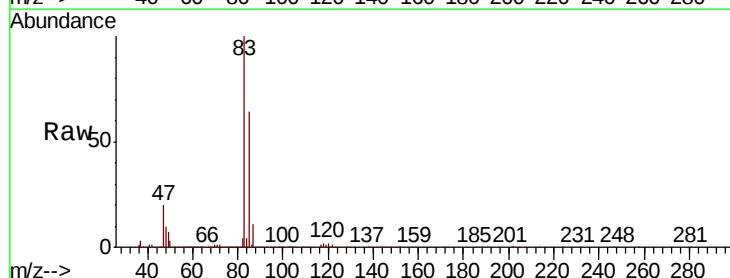
Acq: 15 Aug 2019 19:14

Tgt Ion: 83 Resp: 645630

Ion Ratio Lower Upper

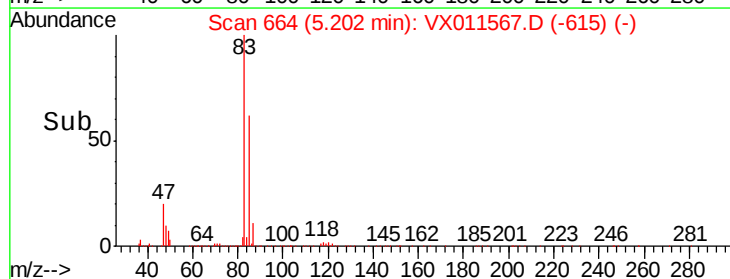
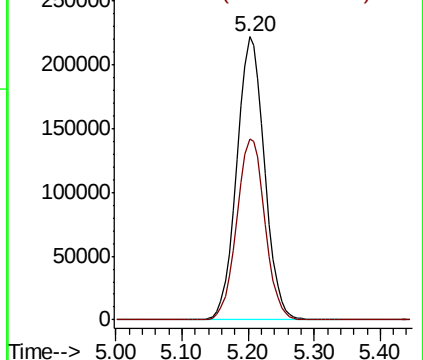
83 100

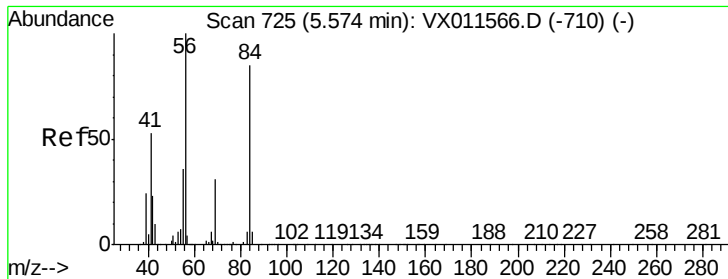
85 63.9 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

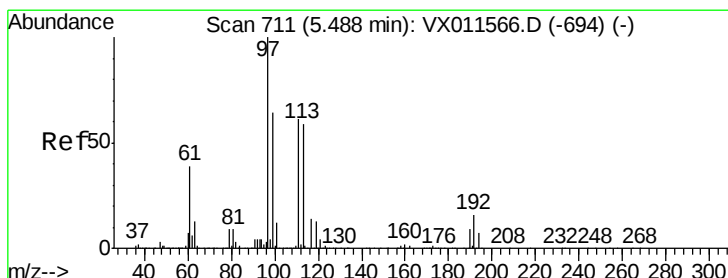
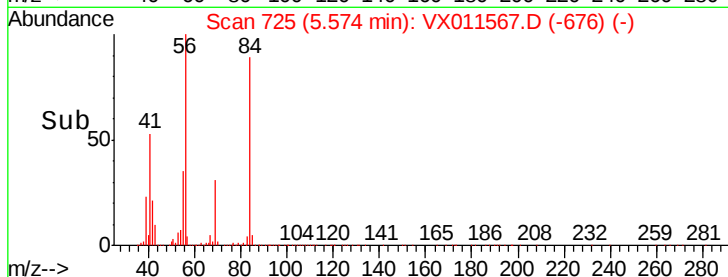
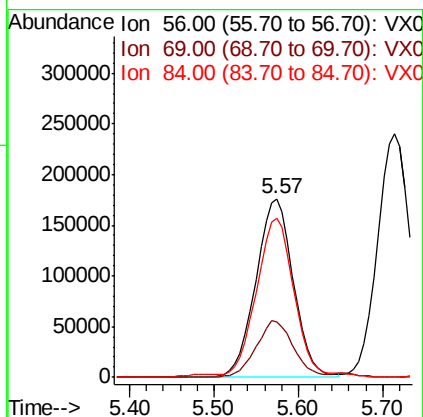
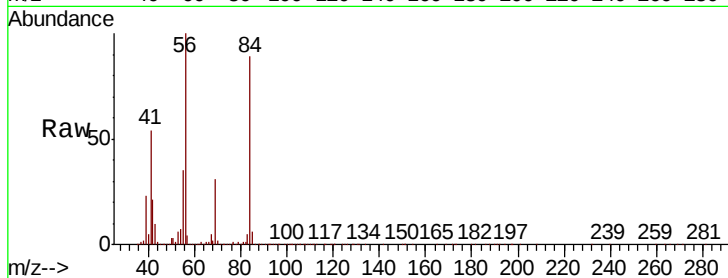




#31
Cyclohexane
Concen: 92.892 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

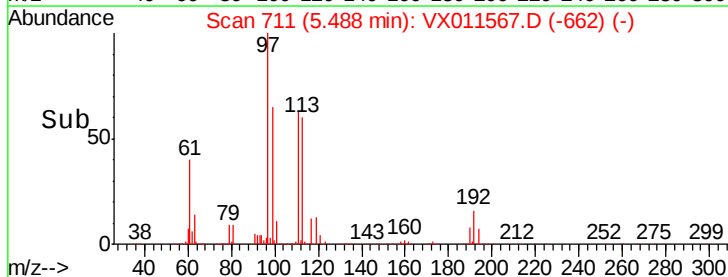
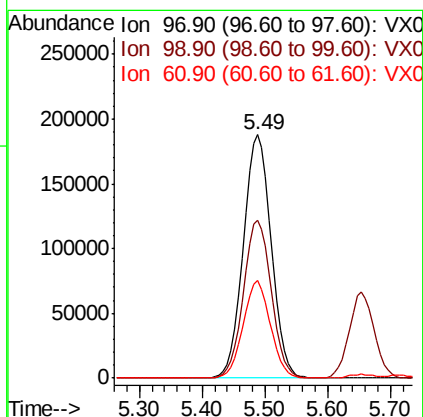
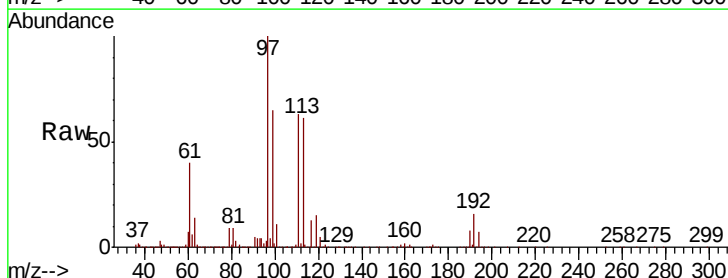
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

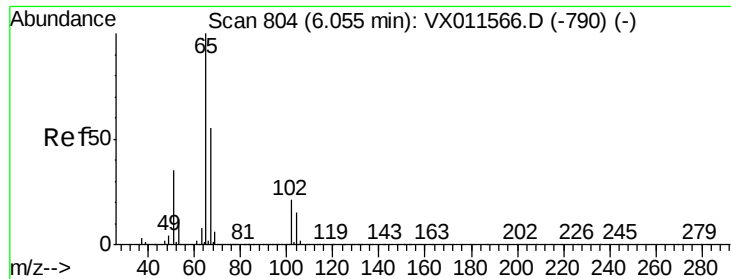
Tgt Ion: 56 Resp: 535964
Ion Ratio Lower Upper
56 100
69 31.3 24.8 37.2
84 88.2 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 97.570 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 97 Resp: 578512
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 38.9 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 82.355 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

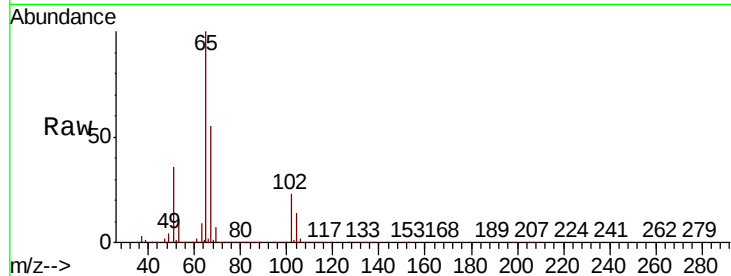
VSTDIC100

Tgt Ion: 65 Resp: 338920

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

150000

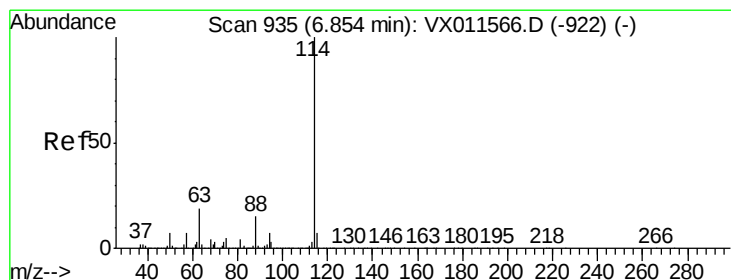
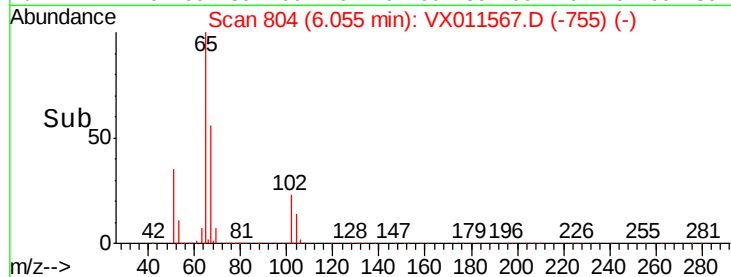
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

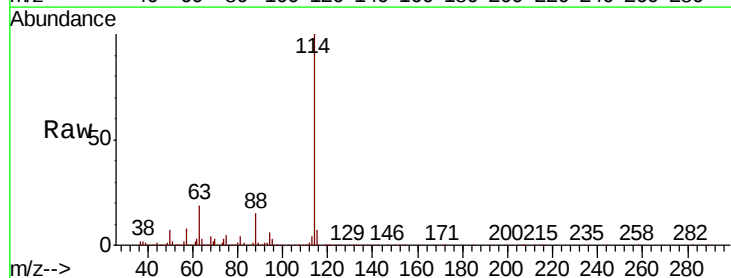
Tgt Ion: 114 Resp: 548019

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

300000

250000

200000

150000

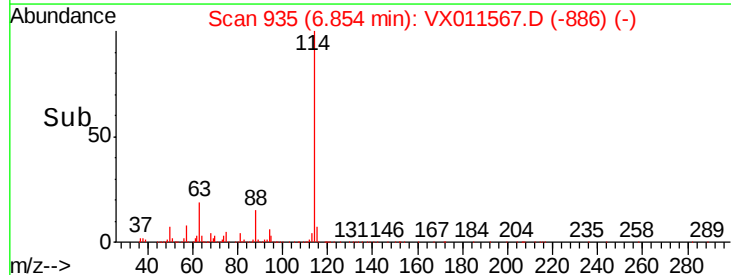
100000

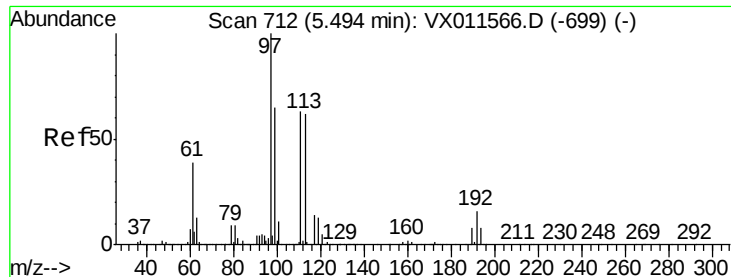
50000

0

6.70 6.80 6.90 7.00

Time-->

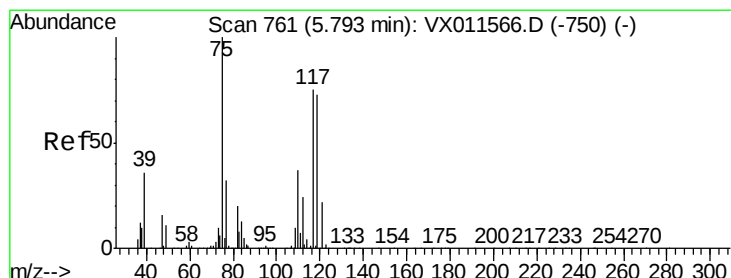
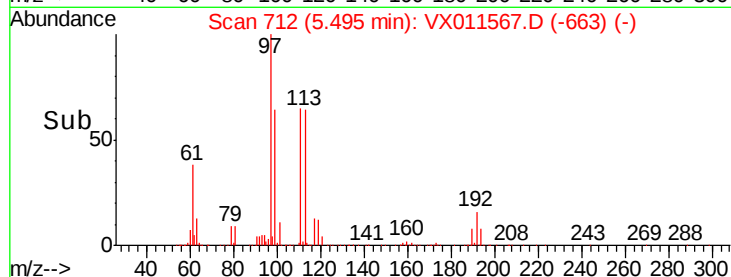
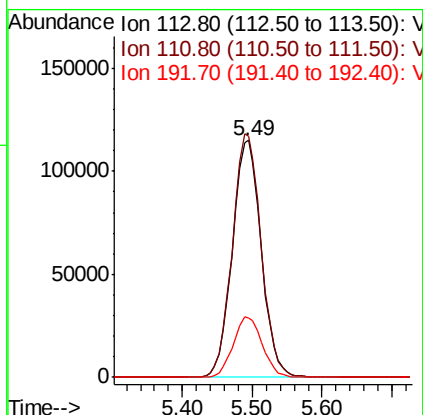
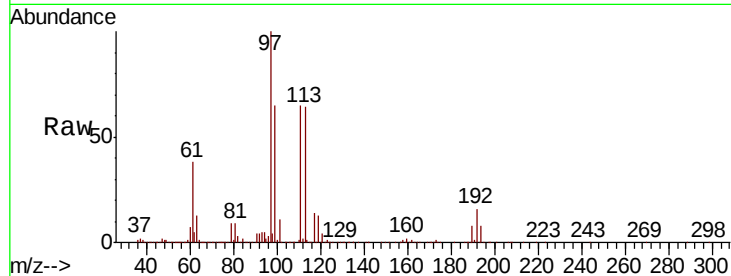




#35
Dibromofluoromethane
Concen: 95.467 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

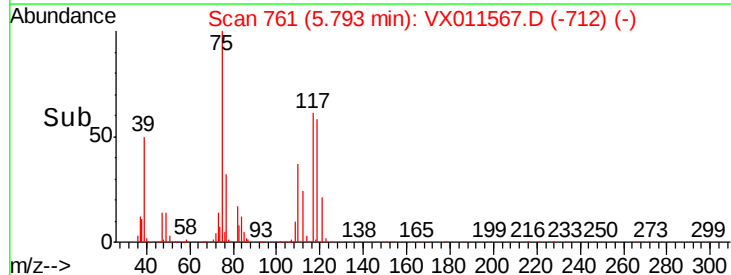
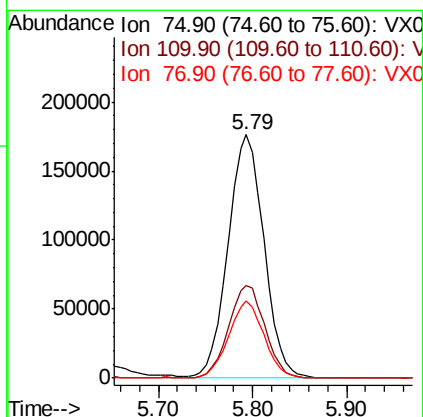
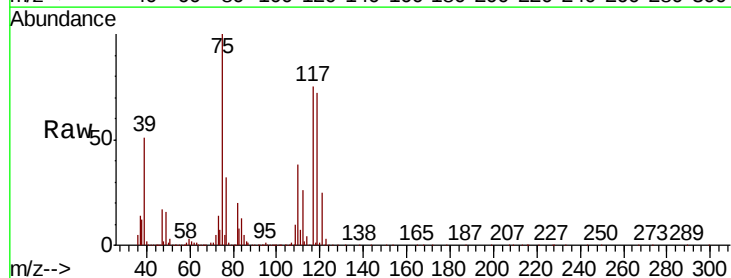
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

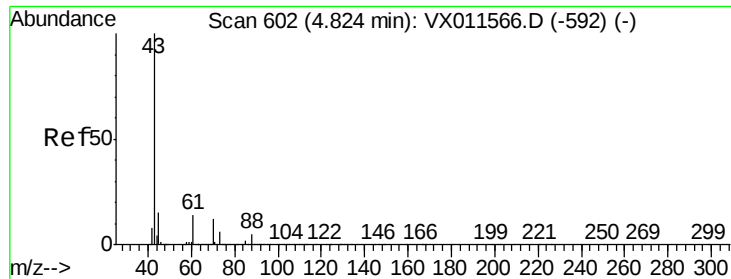
Tgt Ion: 113 Resp: 329667
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 25.7 20.8 31.2



#36
1,1-Dichloropropene
Concen: 102.411 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 75 Resp: 466238
Ion Ratio Lower Upper
75 100
110 38.6 19.4 58.1
77 31.0 25.1 37.7

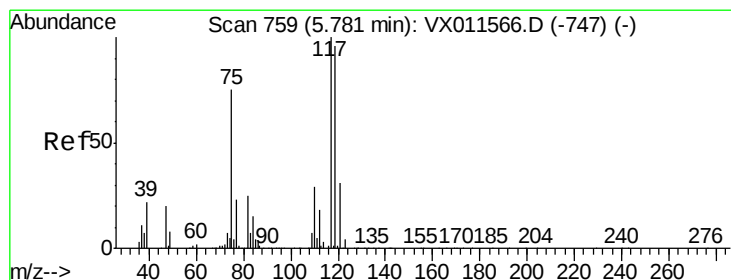
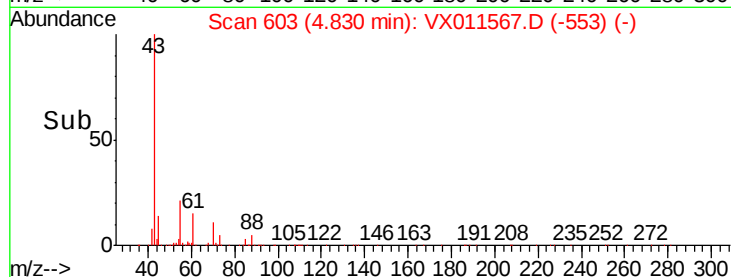
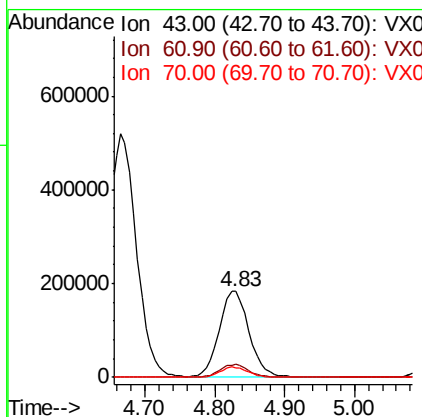
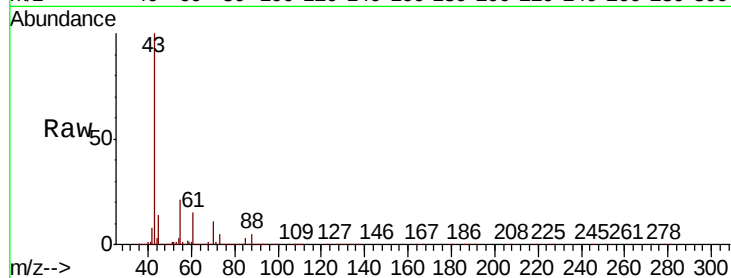




#37
Ethyl Acetate
Concen: 114.109 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

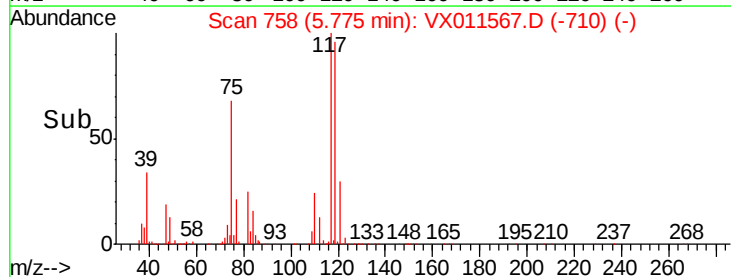
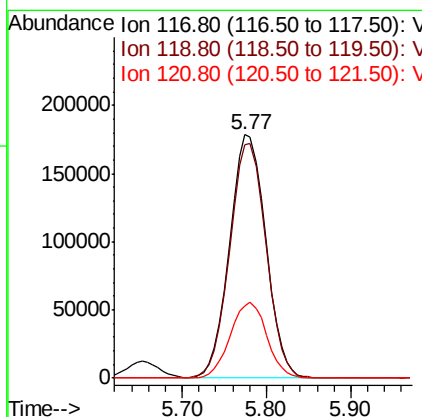
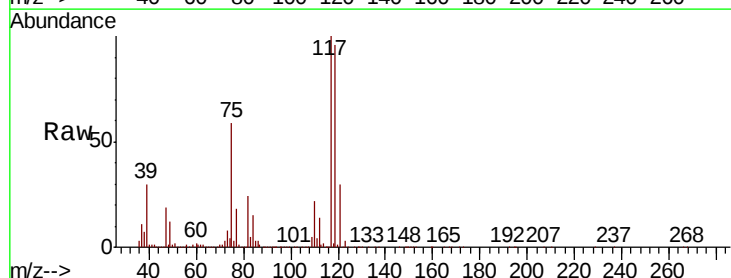
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

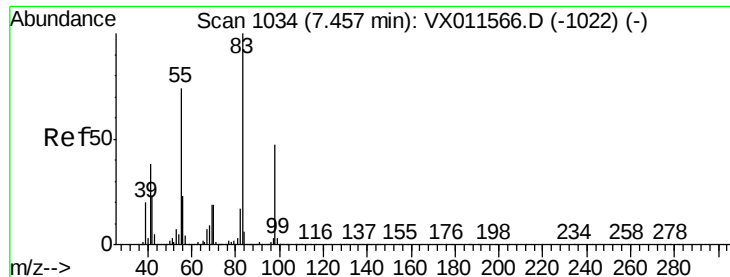
Tgt Ion: 43 Resp: 541225
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 108.861 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 117 Resp: 520720
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3
121 29.7 24.8 37.2

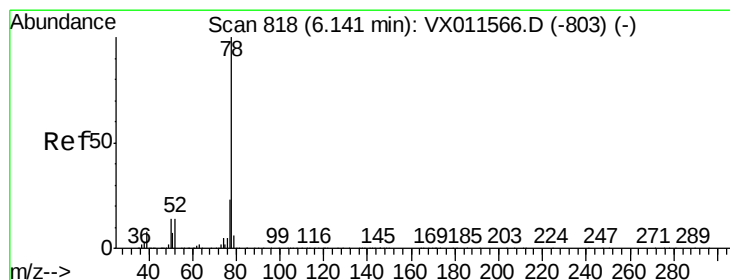
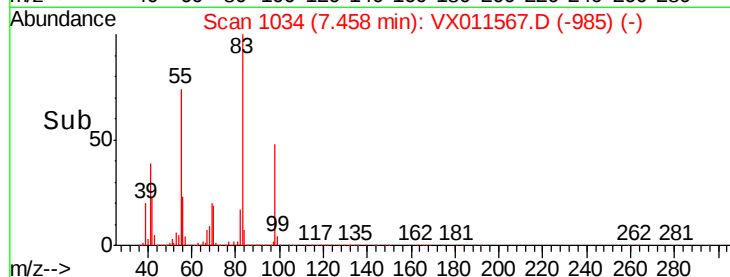
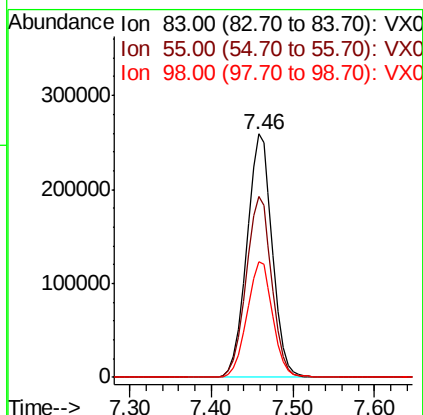
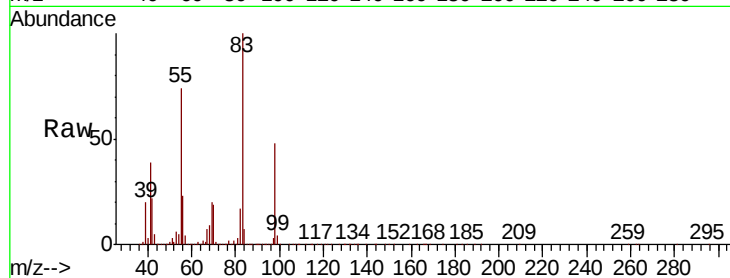




#39
Methylcyclohexane
Concen: 96.140 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

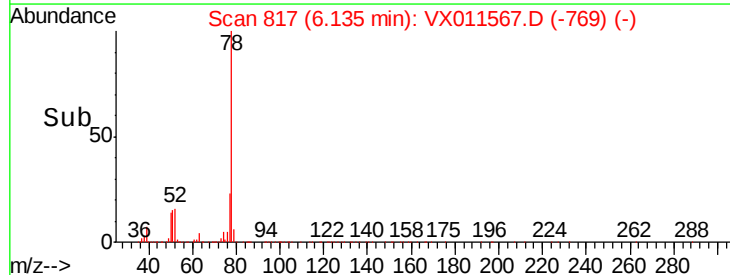
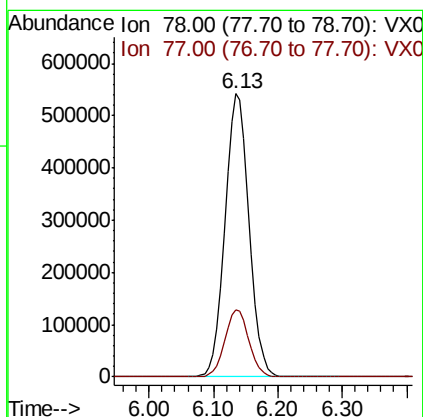
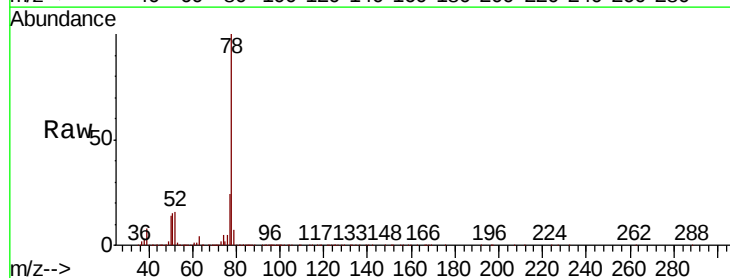
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

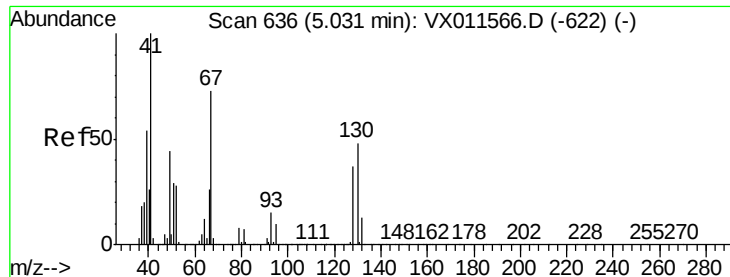
Tgt Ion: 83 Resp: 562869
Ion Ratio Lower Upper
83 100
55 74.1 58.8 88.2
98 47.5 37.8 56.6



#40
Benzene
Concen: 101.898 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 78 Resp: 1421841
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0





#41

Methacrylonitrile

Concen: 111.248 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 303086

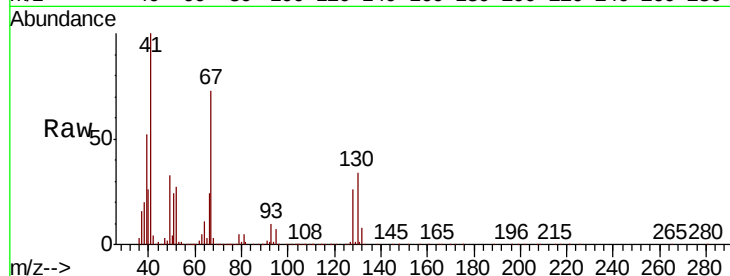
Ion Ratio Lower Upper

41 100

39 54.7 43.5 65.3

67 74.1 59.4 89.2

52 28.4 23.4 35.2

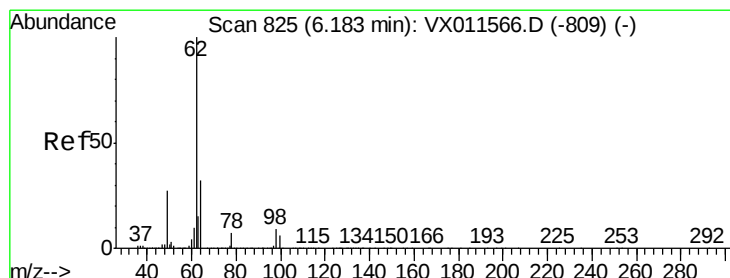
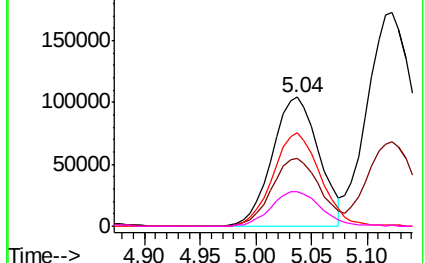
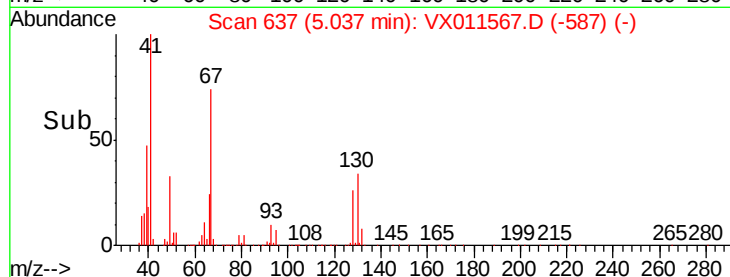


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 101.428 ug/l

RT: 6.18 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX011567.D

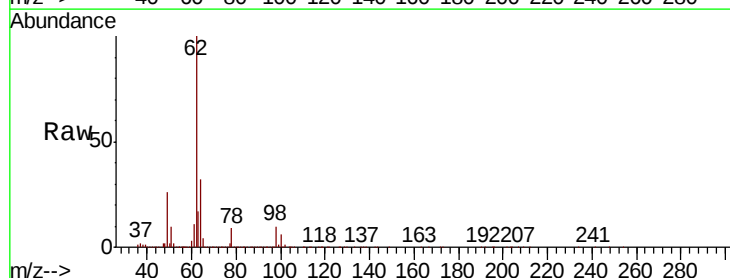
Acq: 15 Aug 2019 19:14

Tgt Ion: 62 Resp: 496020

Ion Ratio Lower Upper

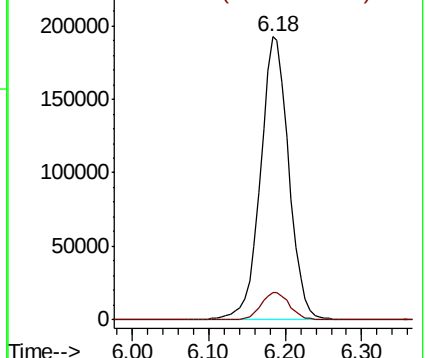
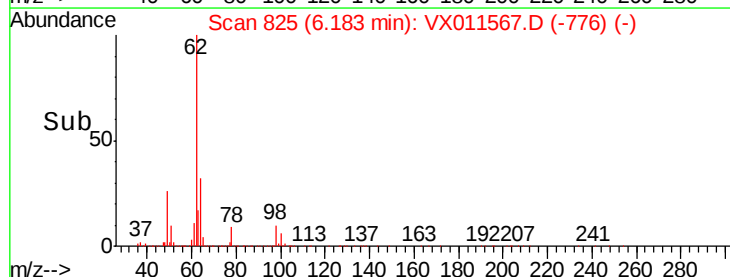
62 100

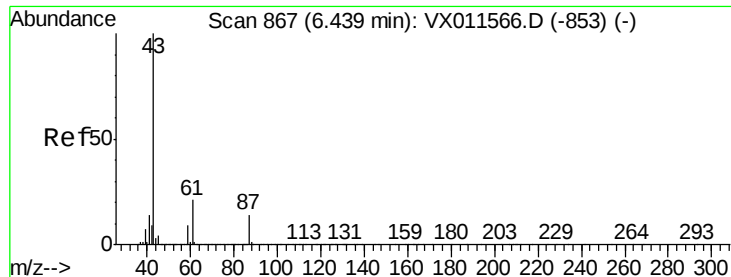
98 9.9 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 110.015 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

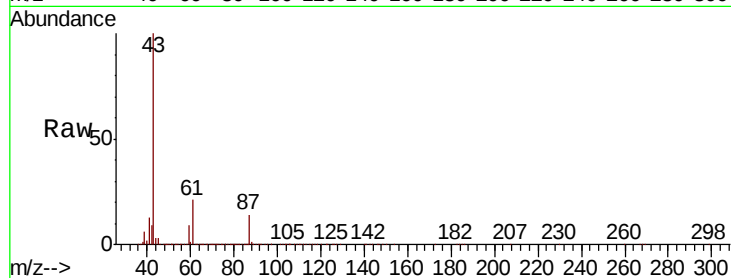
Tgt Ion: 43 Resp: 852871

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

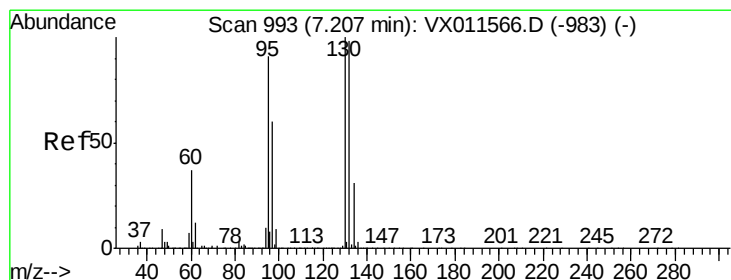
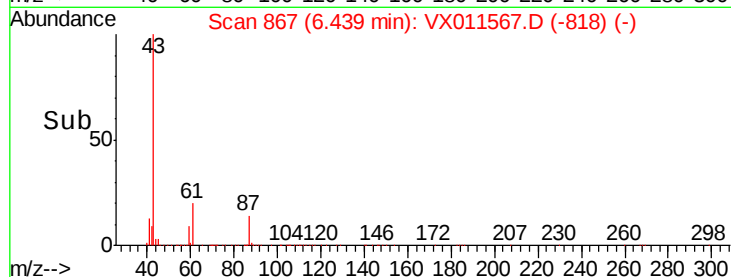
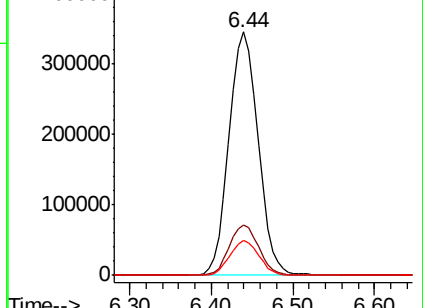
87 14.4 11.4 17.2



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: 103.679 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011567.D

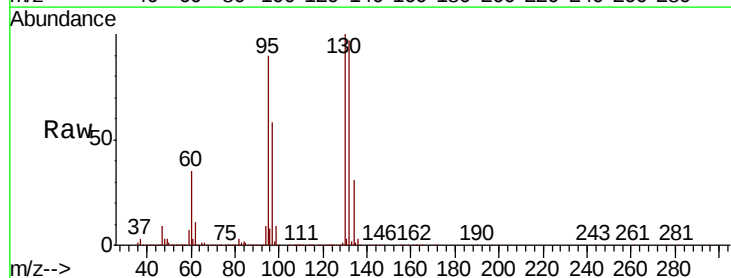
Acq: 15 Aug 2019 19:14

Tgt Ion: 130 Resp: 428777

Ion Ratio Lower Upper

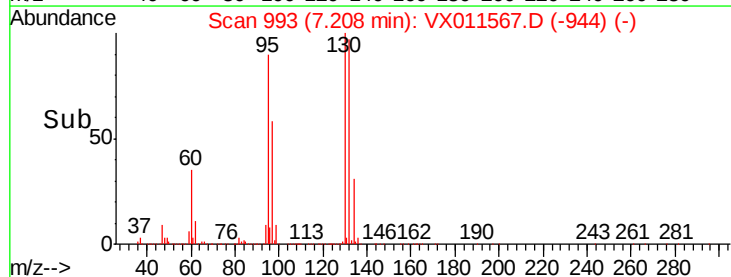
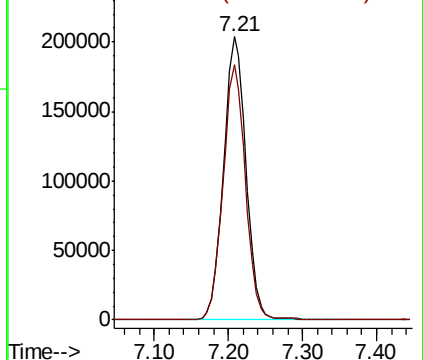
130 100

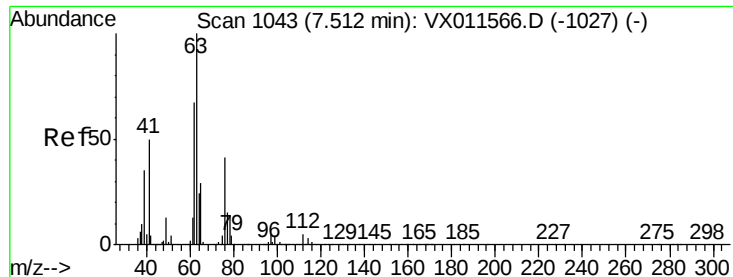
95 90.2 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

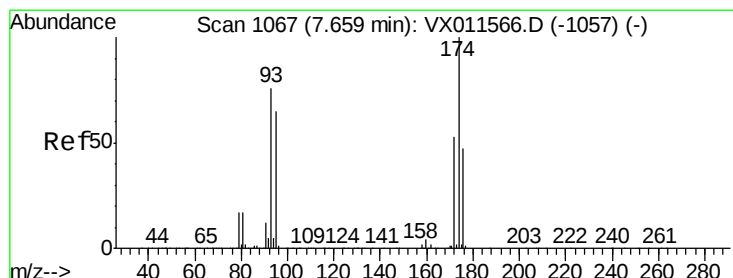
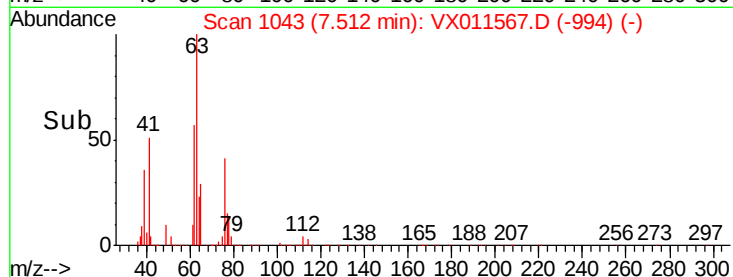
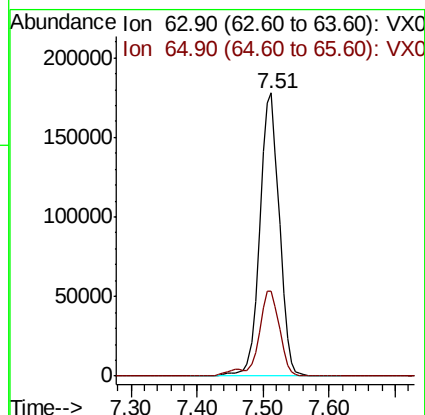
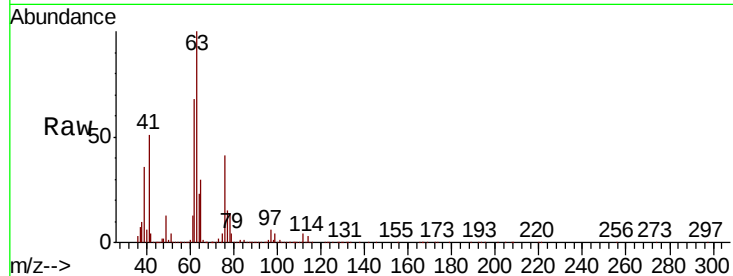




#45
 1,2-Dichloropropane
 Concen: 102.741 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

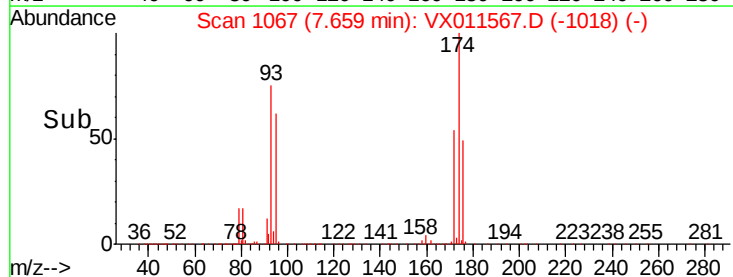
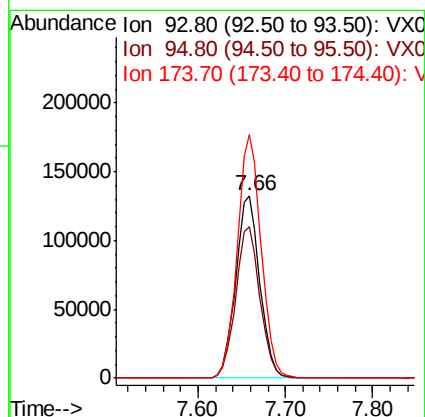
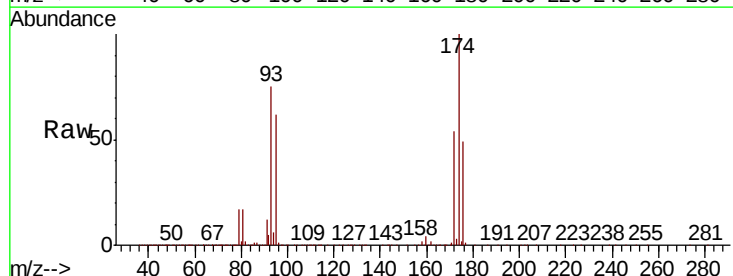
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

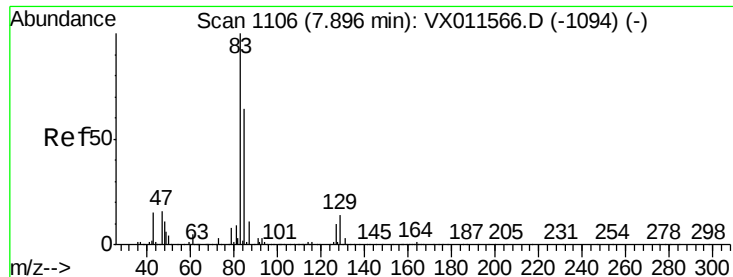
Tgt Ion: 63 Resp: 366181
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.4 35.2



#46
 Dibromomethane
 Concen: 100.694 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Tgt Ion: 93 Resp: 254122
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.2 100.8
 174 132.3 105.5 158.3





#47

Bromodichloromethane

Concen: 108.982 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

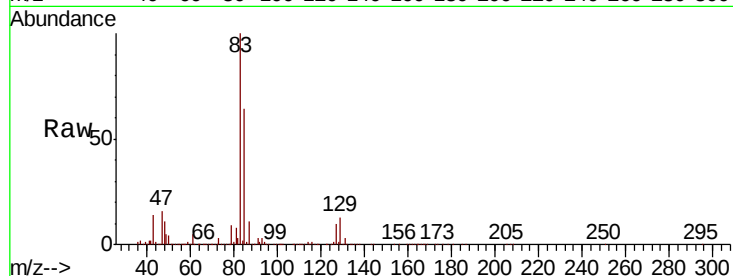
Tgt Ion: 83 Resp: 494970

Ion Ratio Lower Upper

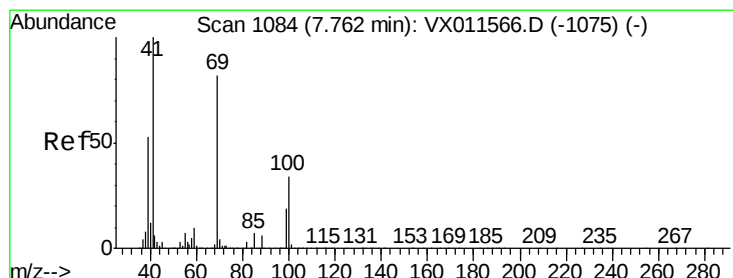
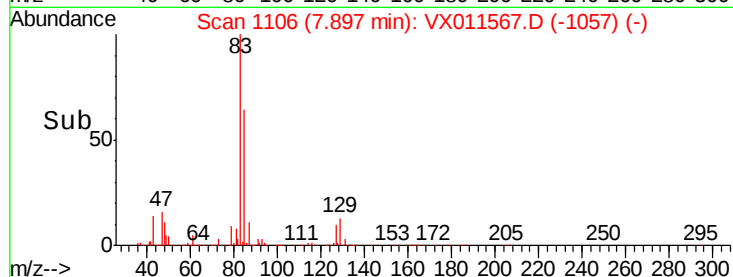
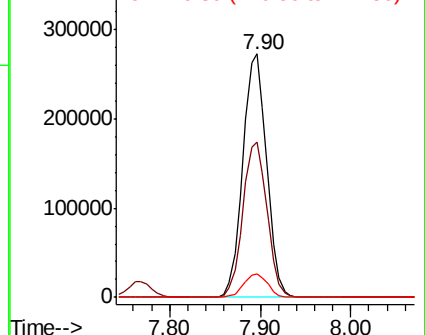
83 100

85 64.0 51.2 76.8

127 9.8 8.1 12.1



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: 113.878 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

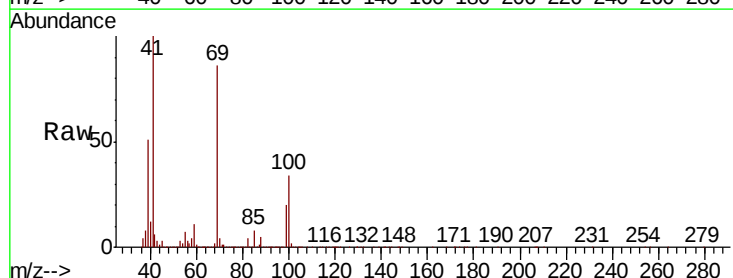
Tgt Ion: 41 Resp: 434571

Ion Ratio Lower Upper

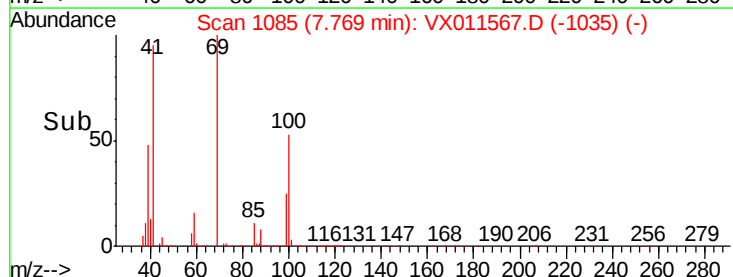
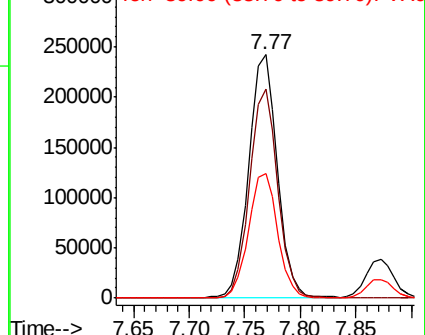
41 100

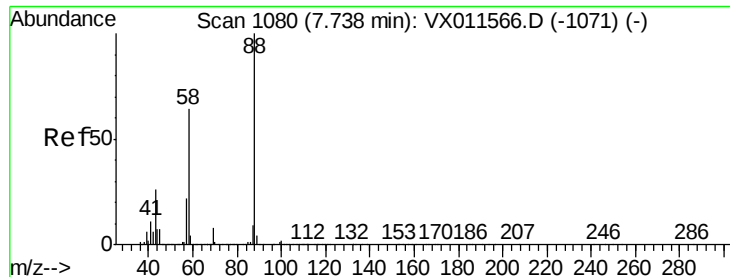
69 84.9 67.9 101.9

39 52.0 41.6 62.4



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: 2091.307 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

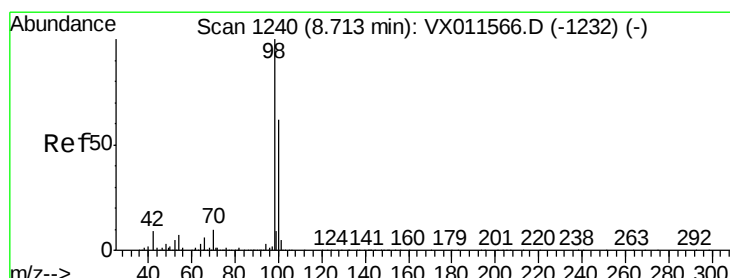
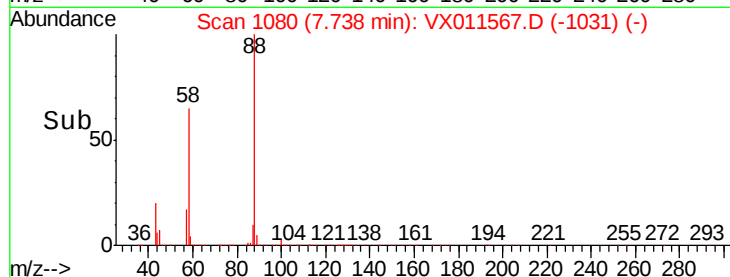
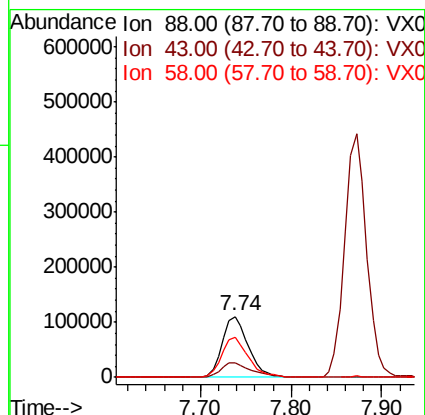
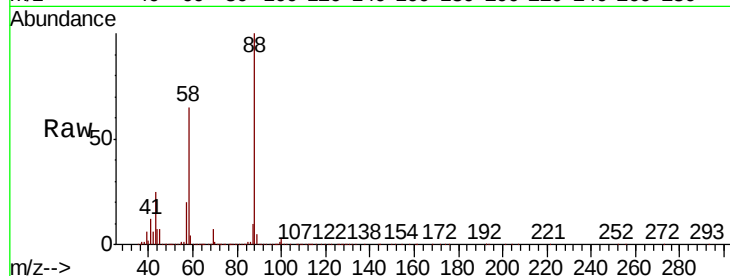
Tgt Ion: 88 Resp: 219703

Ion Ratio Lower Upper

88 100

43 28.3 23.4 35.0

58 67.5 54.3 81.5



#50

Toluene-d8

Concen: 84.555 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011567.D

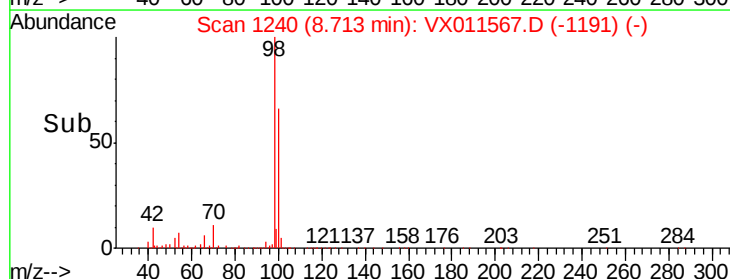
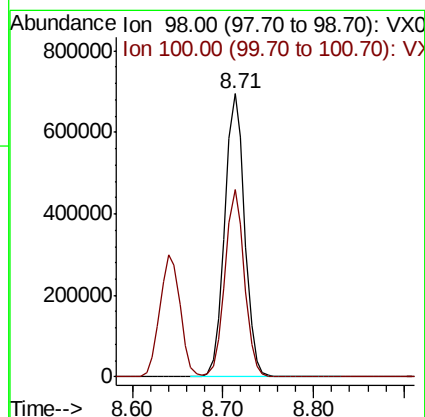
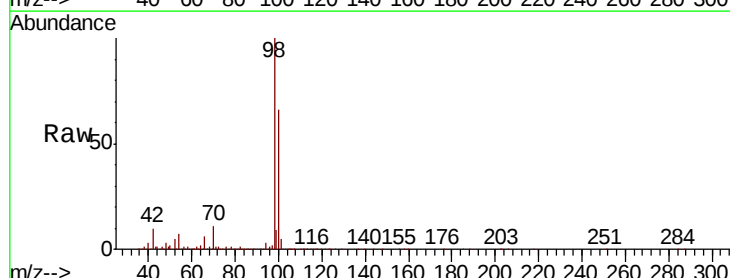
Acq: 15 Aug 2019 19:14

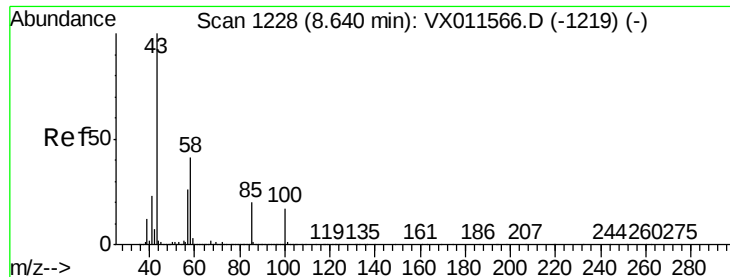
Tgt Ion: 98 Resp: 1061491

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

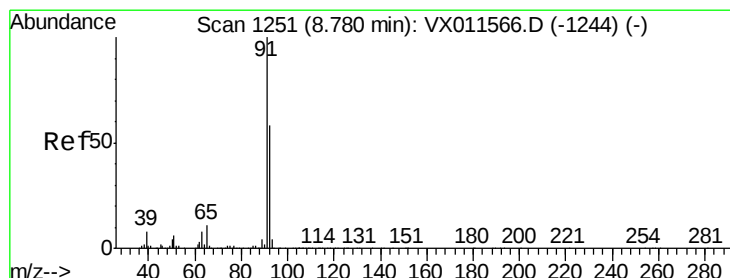
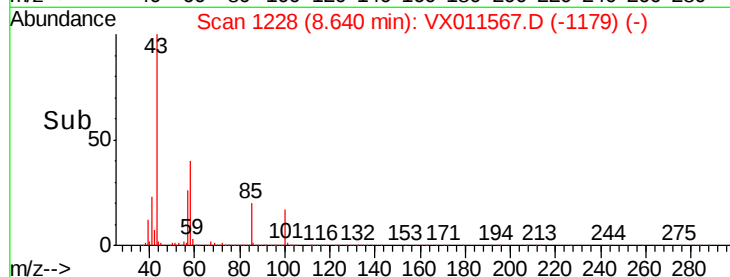
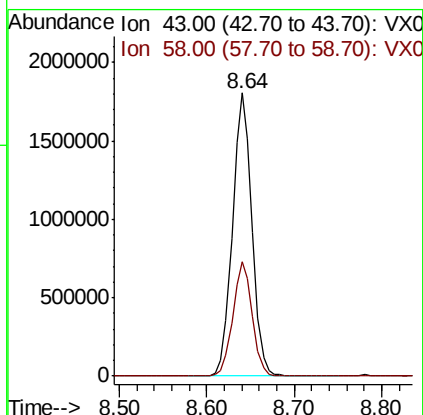
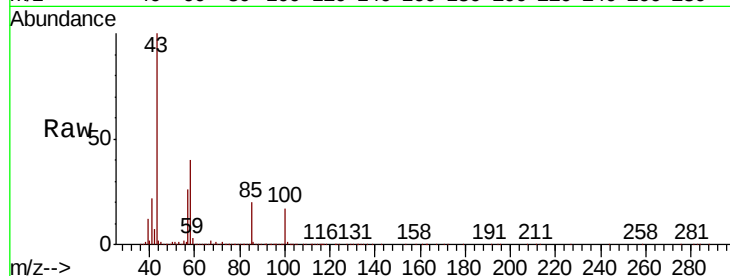




#51
 4-Methyl-2-Pentanone
 Concen: 554.855 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

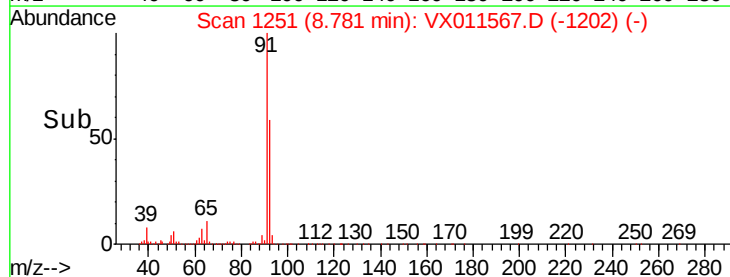
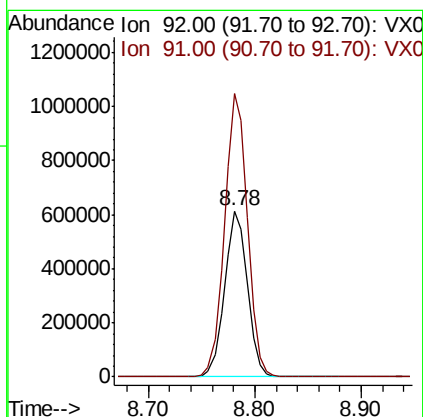
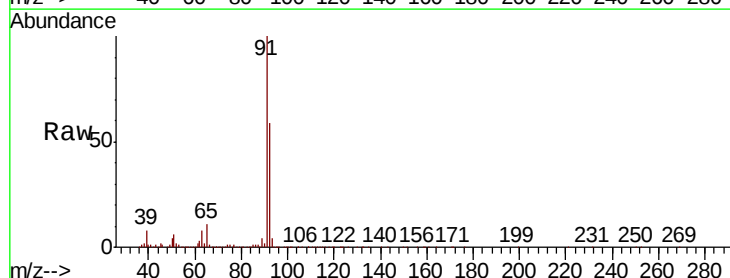
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

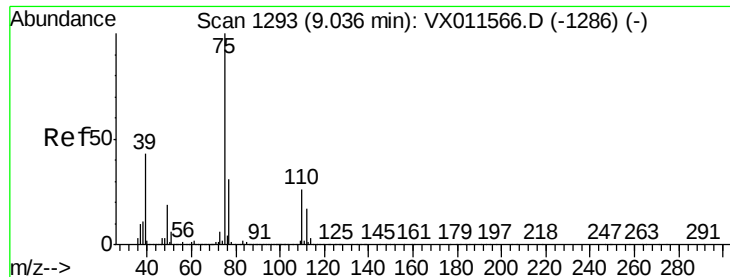
Tgt Ion: 43 Resp: 2799789
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.8 47.6



#52
 Toluene
 Concen: 100.463 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Tgt Ion: 92 Resp: 917075
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 113.264 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

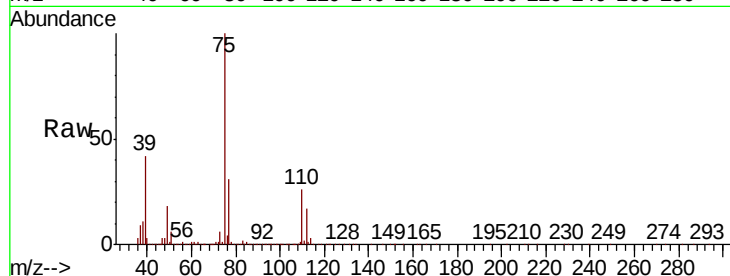
VSTDIC100

Tgt Ion: 75 Resp: 551310

Ion Ratio Lower Upper

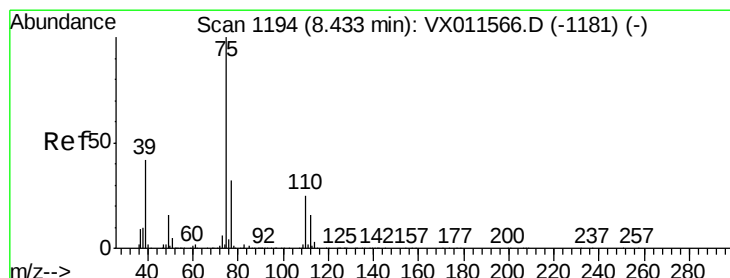
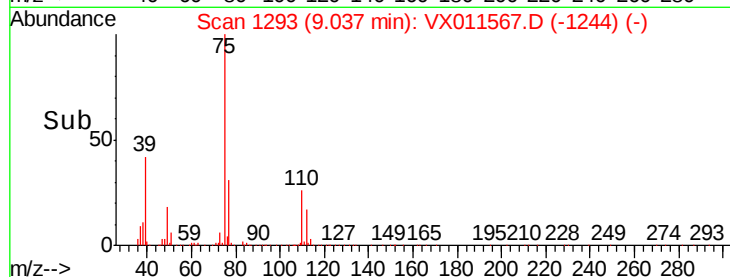
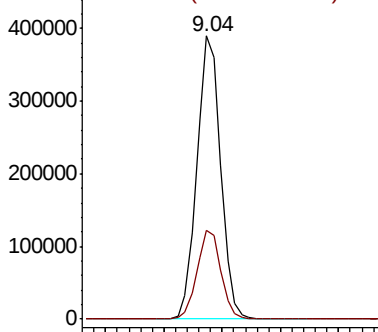
75 100

77 31.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 110.200 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

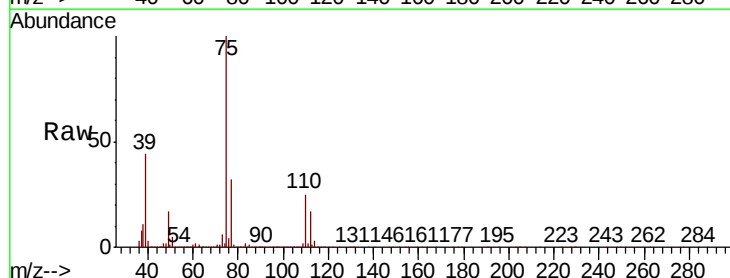
Tgt Ion: 75 Resp: 595149

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

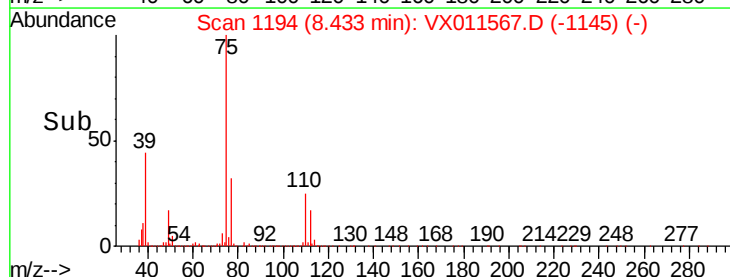
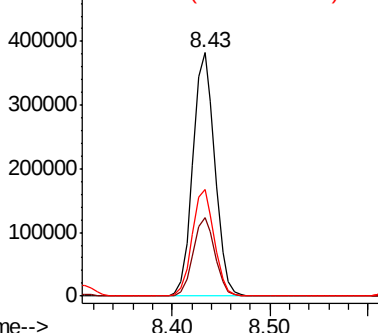
39 43.8 33.6 50.4

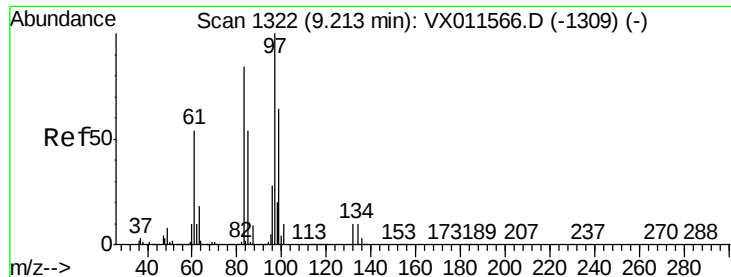


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 103.081 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 388982

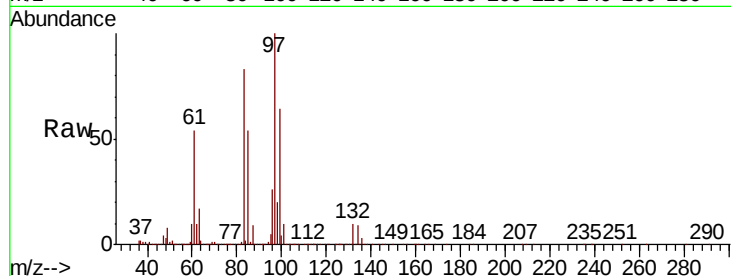
Ion Ratio Lower Upper

97 100

83 83.4 67.4 101.0

85 53.7 43.4 65.2

99 64.1 51.1 76.7



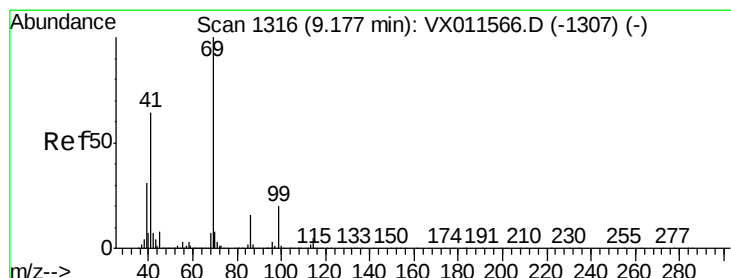
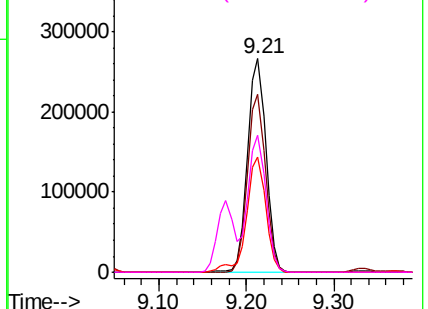
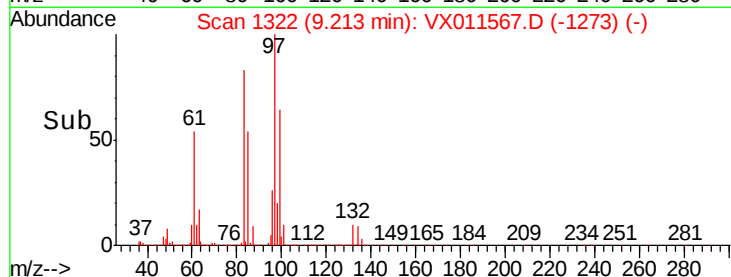
Abundance

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: 110.502 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

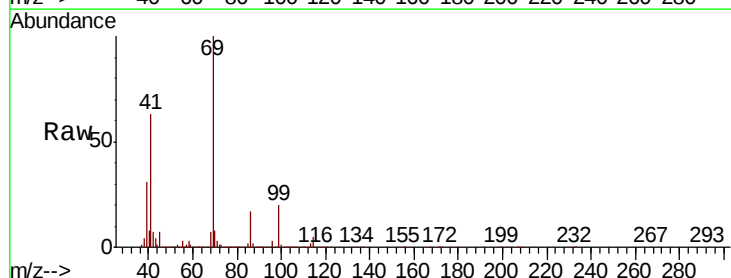
Tgt Ion: 69 Resp: 611076

Ion Ratio Lower Upper

69 100

41 64.5 52.1 78.1

39 31.4 25.4 38.0

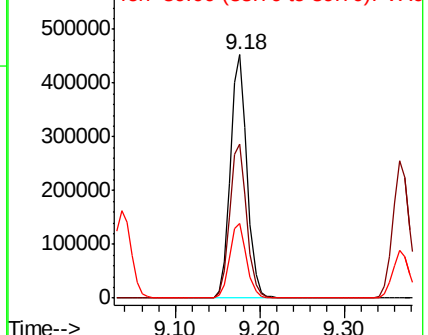
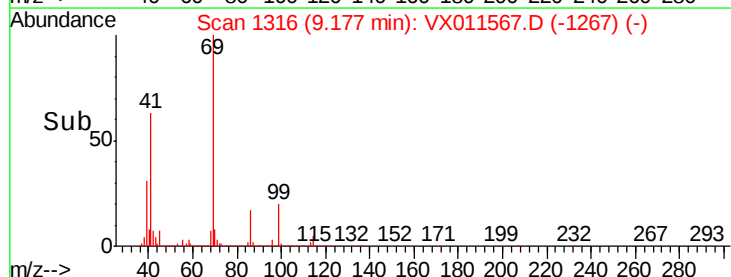


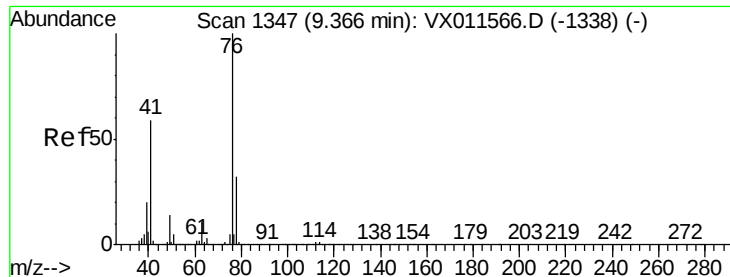
Abundance

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: 102.396 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

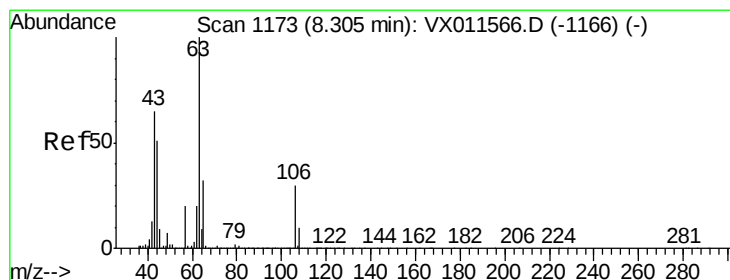
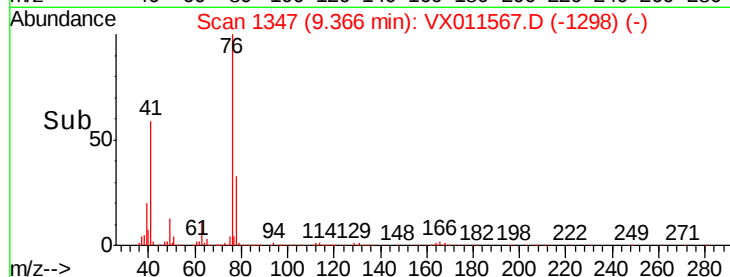
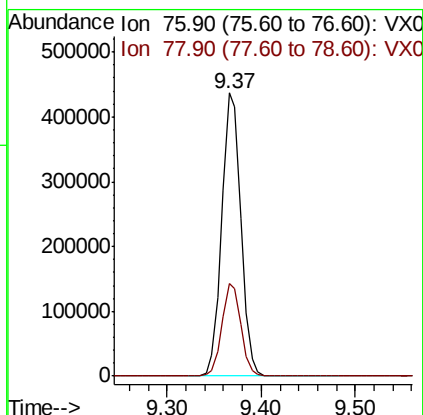
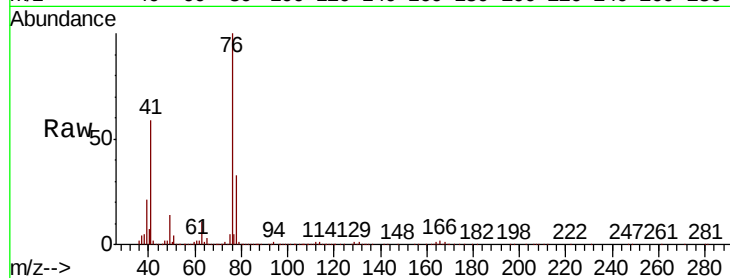
VSTDIC100

Tgt Ion: 76 Resp: 614518

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 556.932 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011567.D

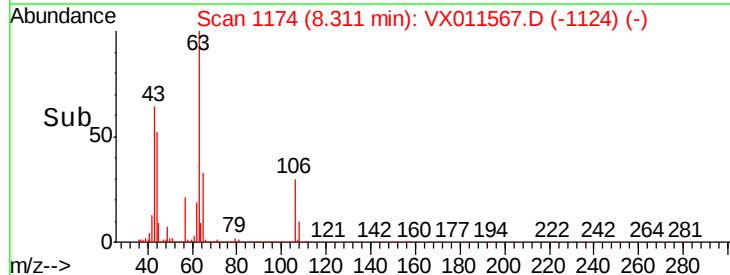
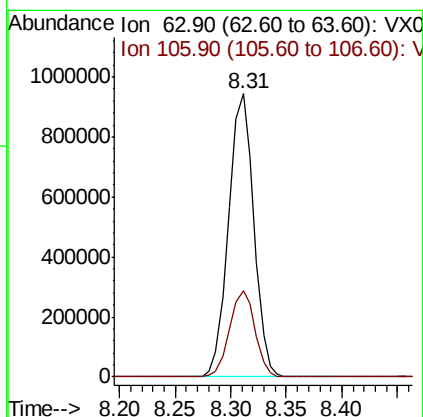
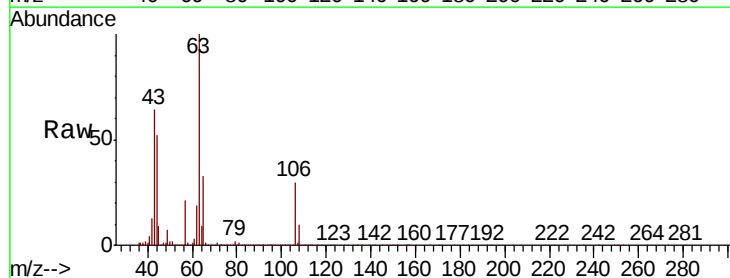
Acq: 15 Aug 2019 19:14

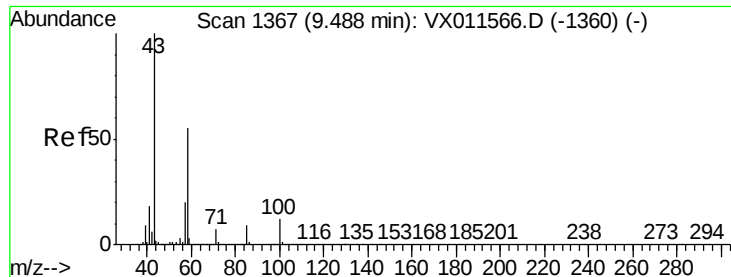
Tgt Ion: 63 Resp: 1480367

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1

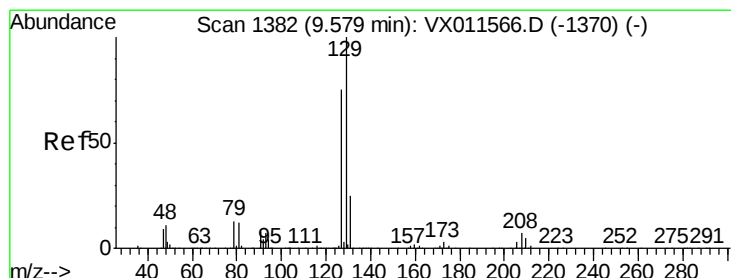
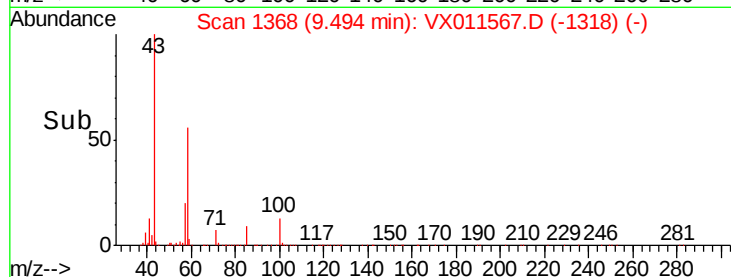
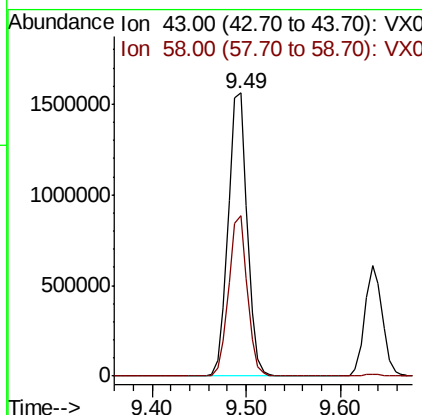
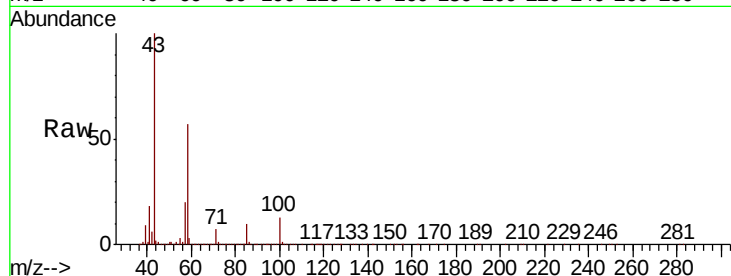




#59
2-Hexanone
Concen: 560.908 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

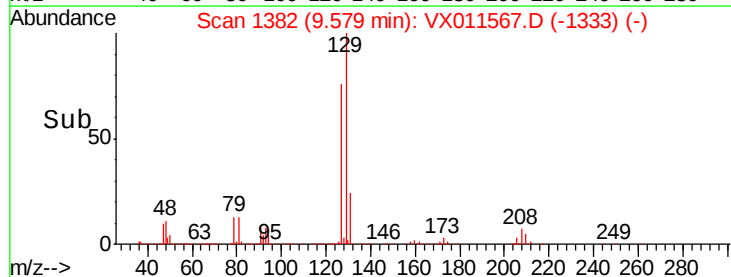
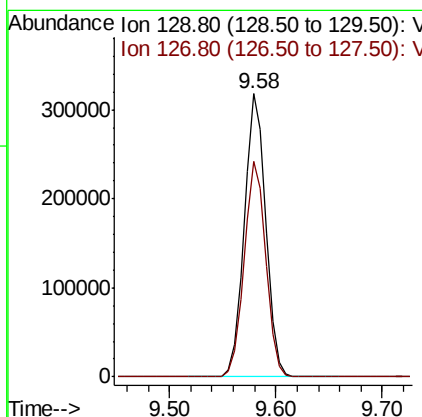
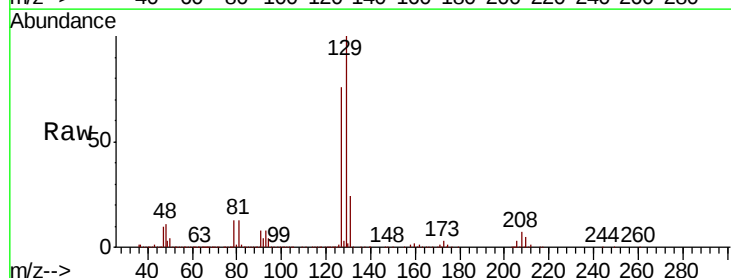
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

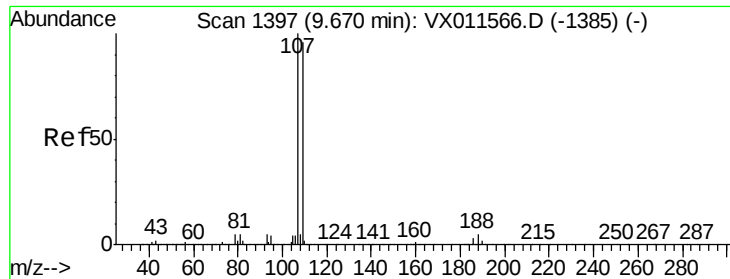
Tgt Ion: 43 Resp: 2188244
Ion Ratio Lower Upper
43 100
58 55.6 27.5 82.4



#60
Dibromochloromethane
Concen: 116.548 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 129 Resp: 449889
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1





#61

1,2-Dibromoethane

Concen: 105.674 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

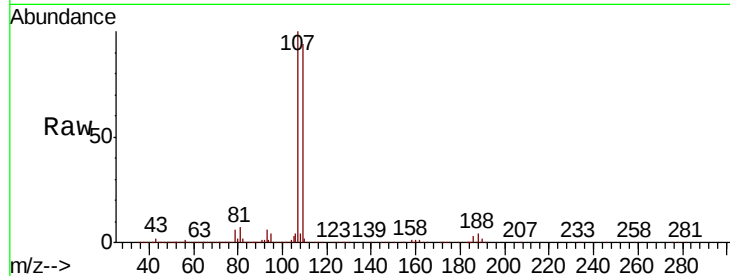
VSTDIC100

Tgt Ion: 107 Resp: 423664

Ion Ratio Lower Upper

107 100

109 94.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

300000

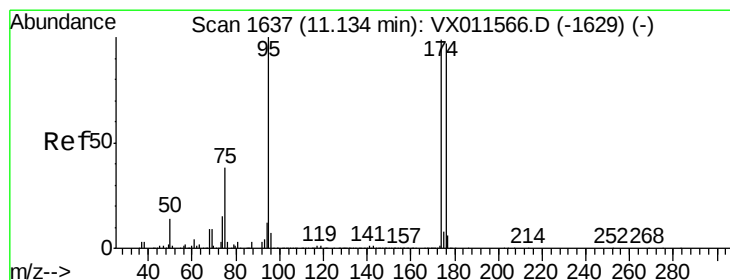
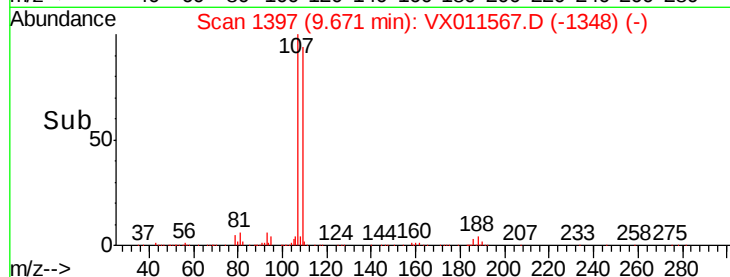
200000

100000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 96.198 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

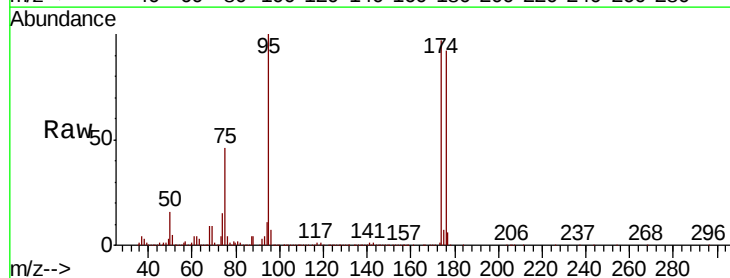
Tgt Ion: 95 Resp: 451454

Ion Ratio Lower Upper

95 100

174 99.8 0.0 200.6

176 96.5 0.0 196.6



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

500000

400000

300000

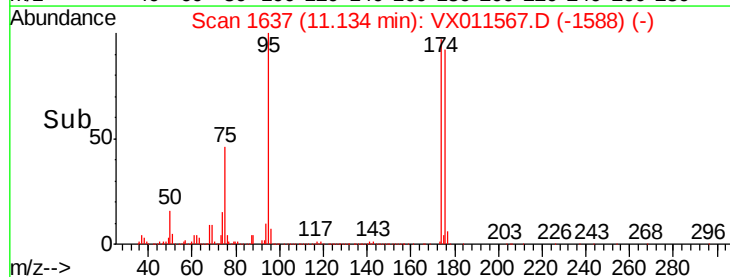
200000

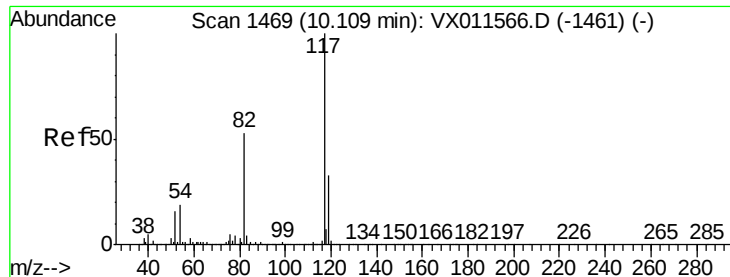
100000

0

11.10 11.20

Time-->

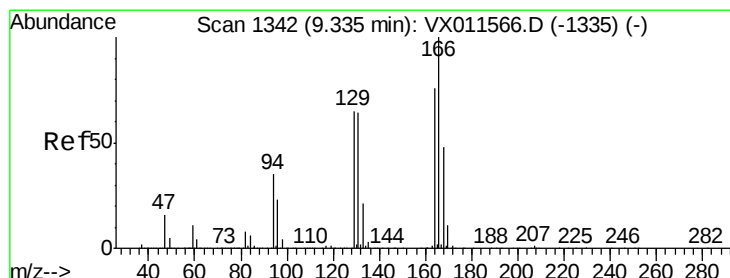
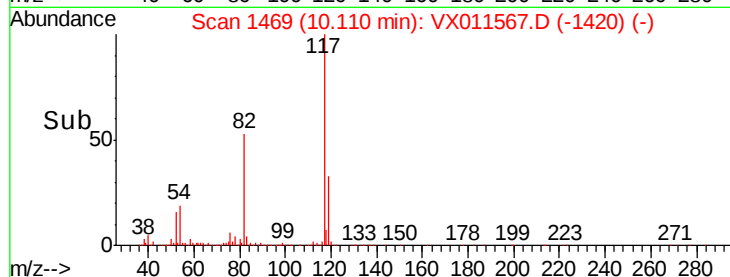
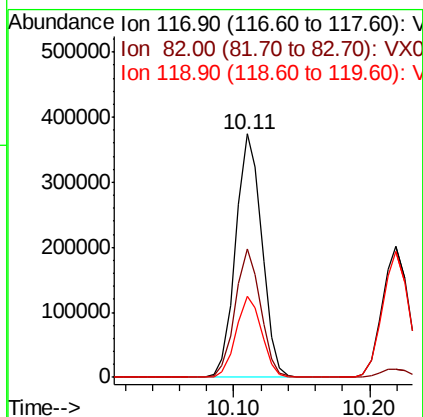
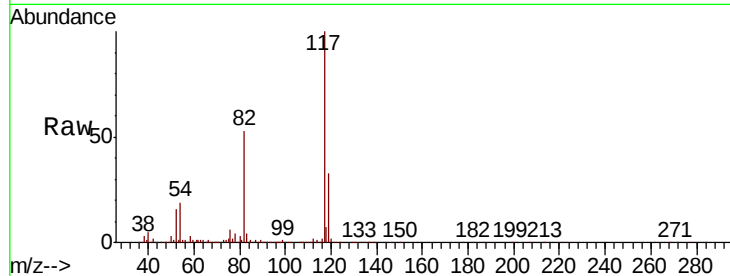




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

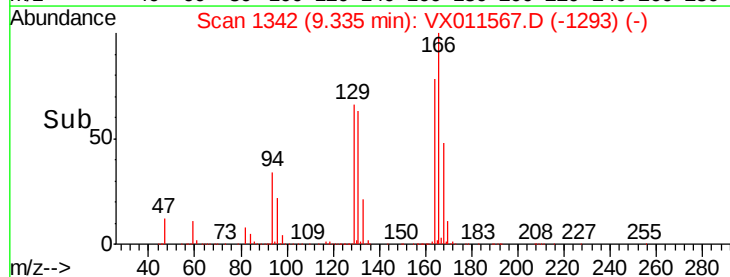
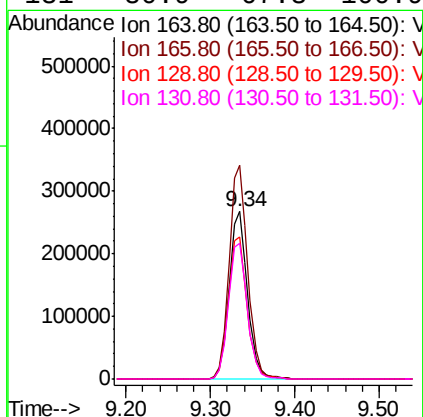
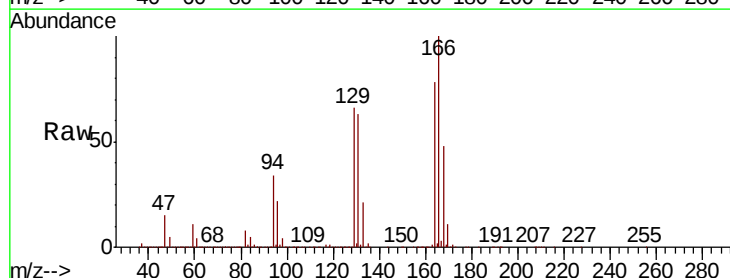
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

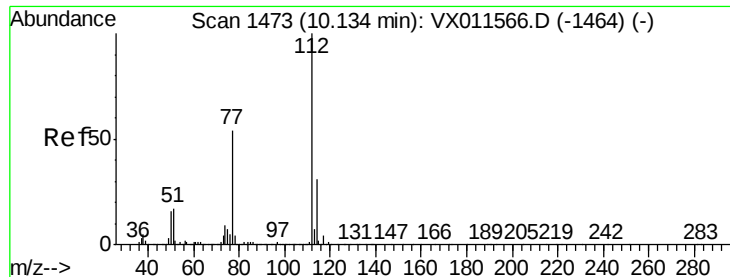
Tgt Ion:117 Resp: 499654
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 33.2 26.5 39.7



#64
Tetrachloroethene
Concen: 100.357 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion:164 Resp: 399941
Ion Ratio Lower Upper
164 100
166 127.7 104.7 157.1
129 84.6 68.2 102.4
131 80.9 67.3 100.9

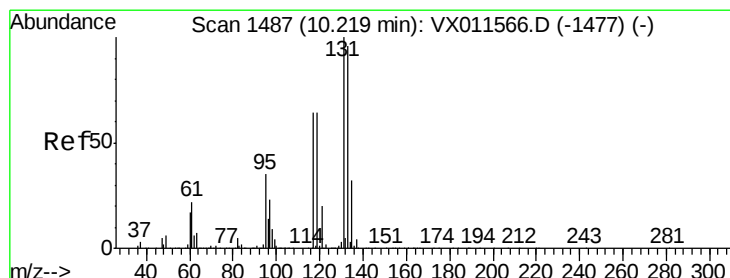
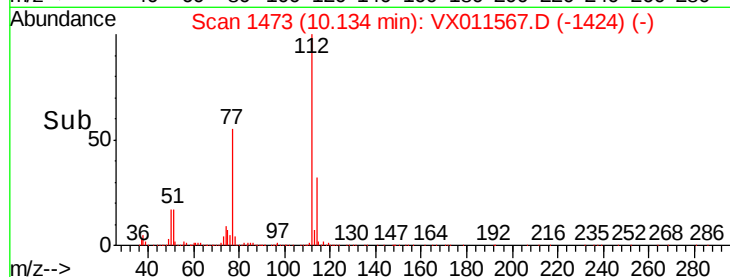
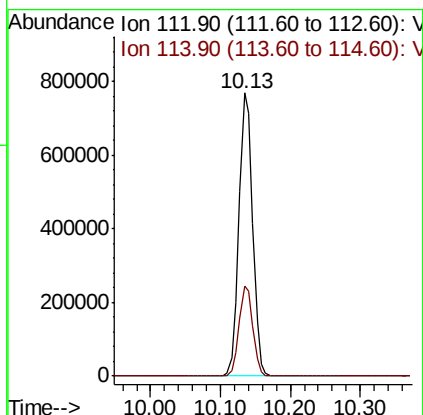
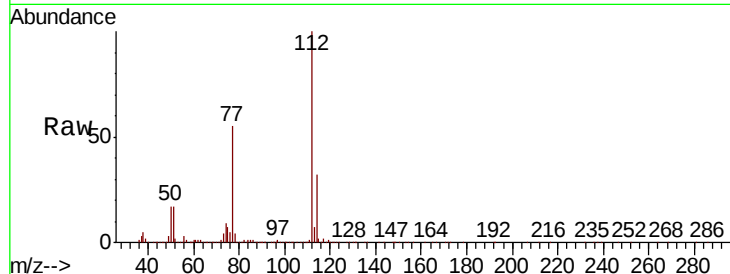




#65
Chlorobenzene
Concen: 100.375 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

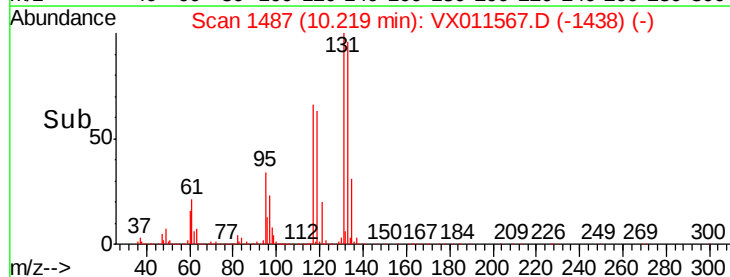
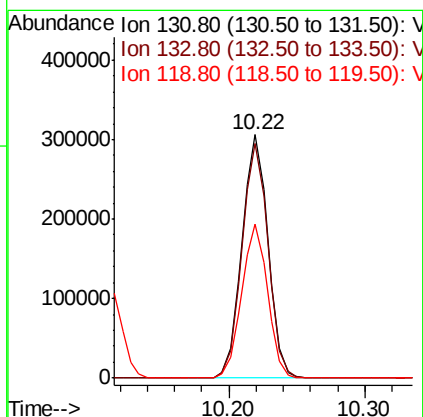
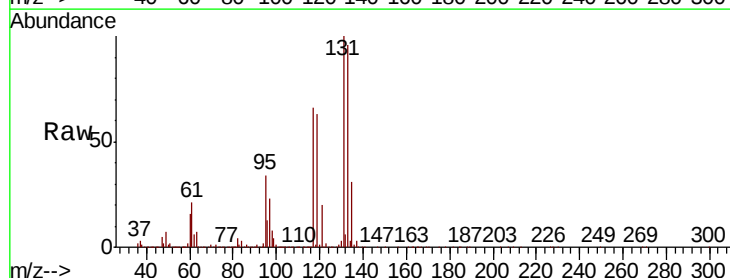
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

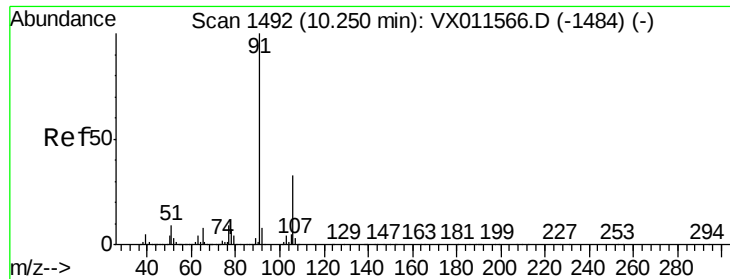
Tgt Ion:112 Resp: 1045194
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 111.104 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion:131 Resp: 408783
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 62.9 31.3 93.8





#67

Ethyl Benzene

Concen: 101.570 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

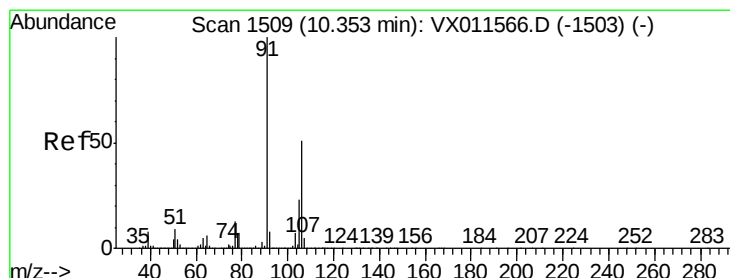
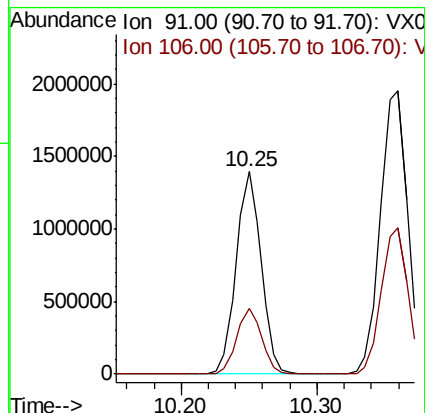
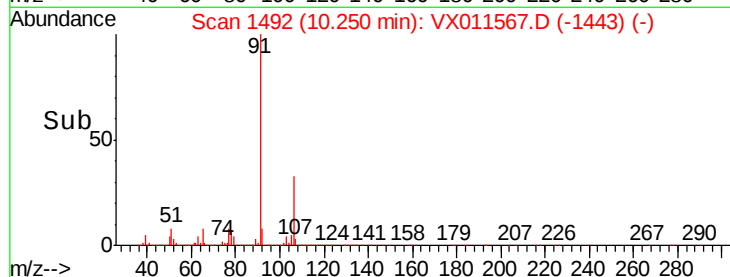
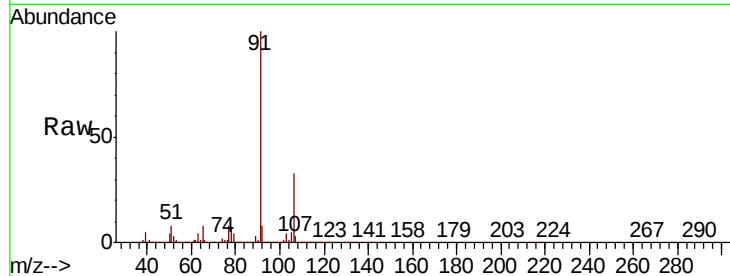
VSTDIC100

Tgt Ion: 91 Resp: 1785943

Ion Ratio Lower Upper

91 100

106 32.6 26.0 39.0



#68

m/p-Xylenes

Concen: 203.590 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VX011567.D

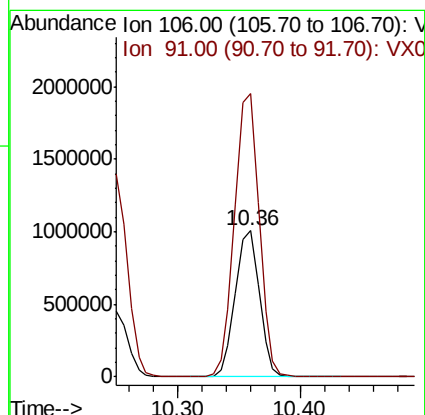
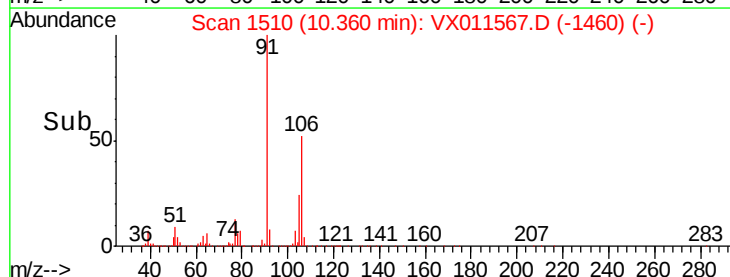
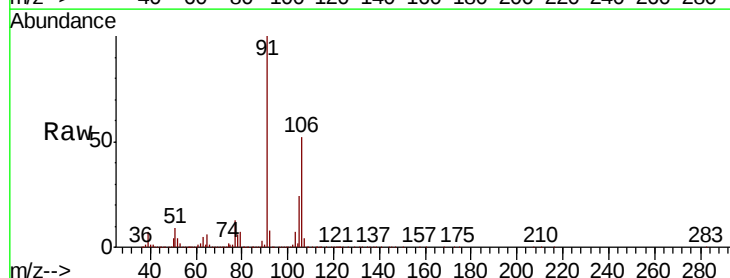
Acq: 15 Aug 2019 19:14

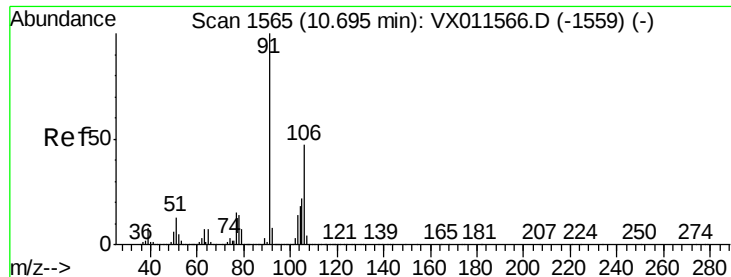
Tgt Ion: 106 Resp: 1378068

Ion Ratio Lower Upper

106 100

91 197.3 156.0 234.0

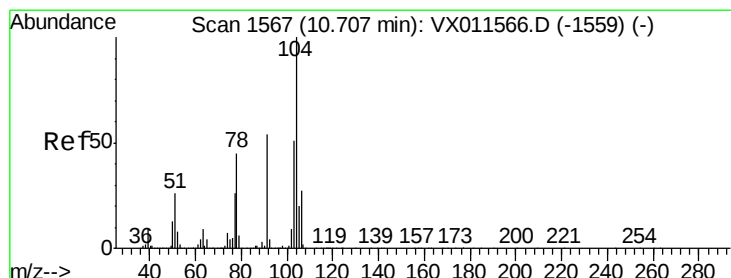
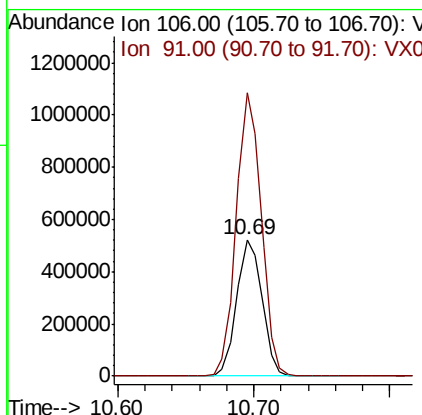
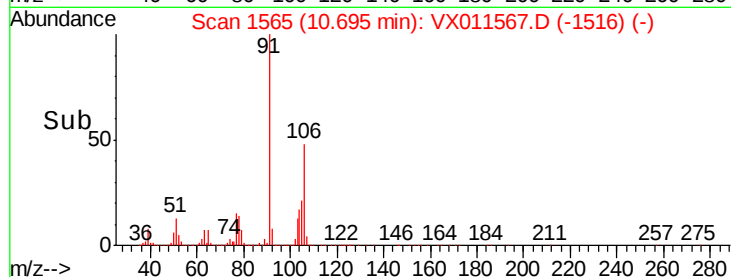
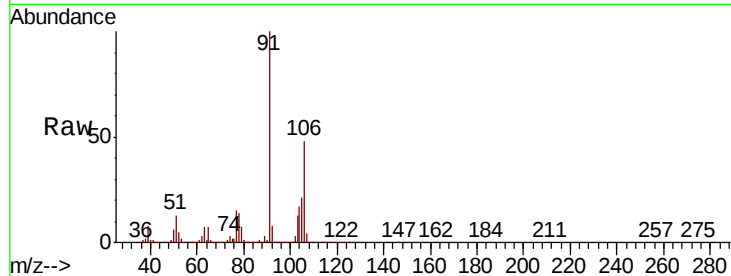




#69
o-Xylene
Concen: 103.043 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

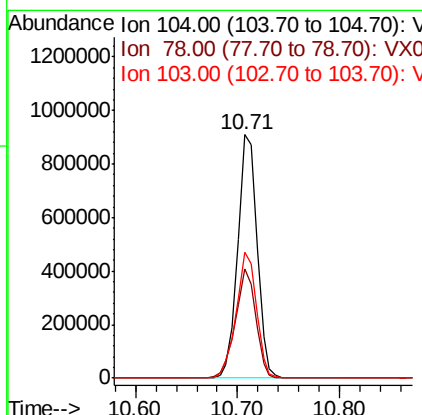
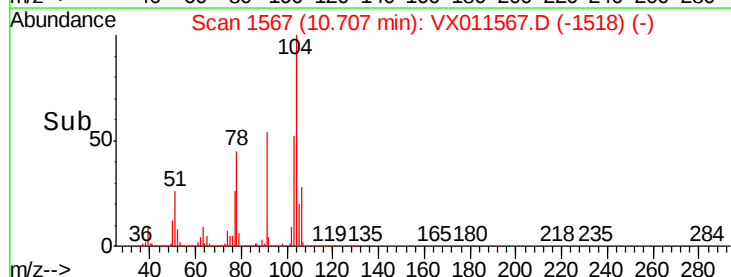
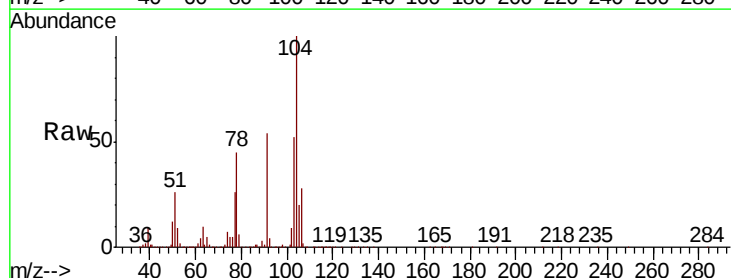
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

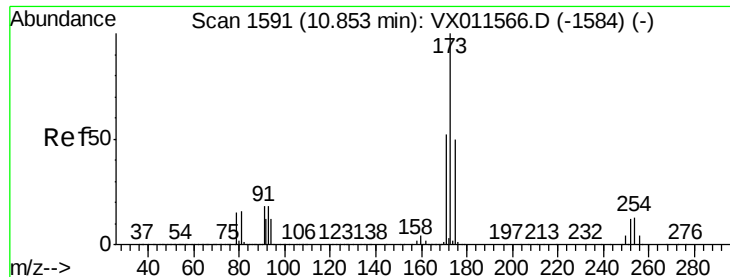
Tgt Ion:106 Resp: 678435
Ion Ratio Lower Upper
106 100
91 205.6 105.5 316.4



#70
Styrene
Concen: 107.522 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion:104 Resp: 1183212
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.4
103 54.6 43.6 65.4





#71

Bromoform

Concen: 129.660 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

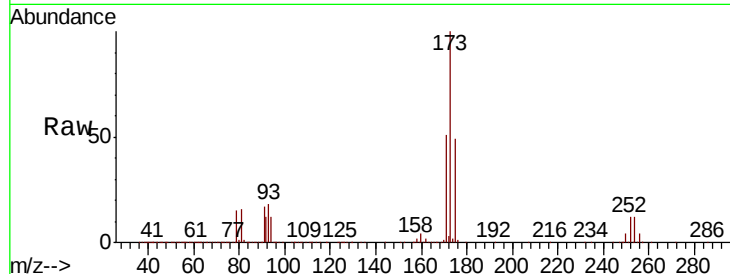
Tgt Ion:173 Resp: 384897

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.7

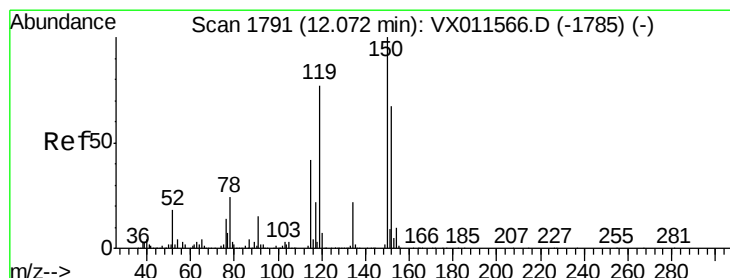
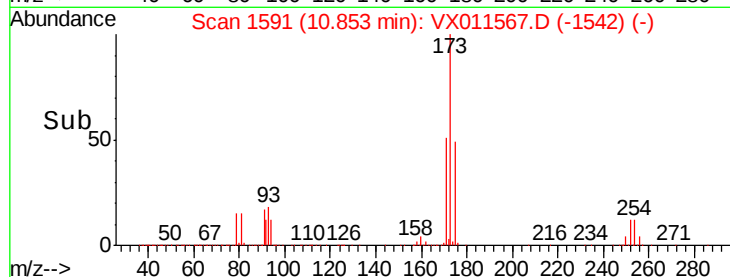
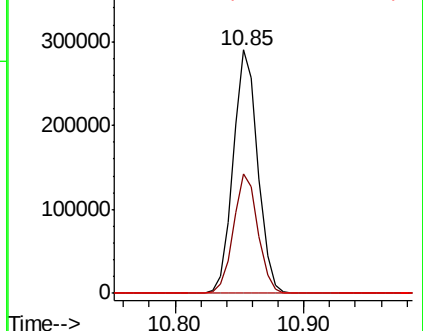
254 0.2 0.1 0.1#



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: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

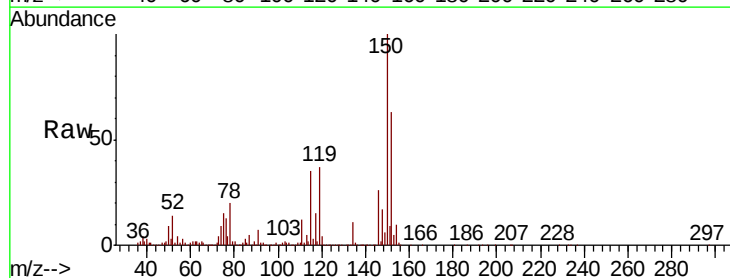
Tgt Ion:152 Resp: 283453

Ion Ratio Lower Upper

152 100

115 98.3 37.3 111.9

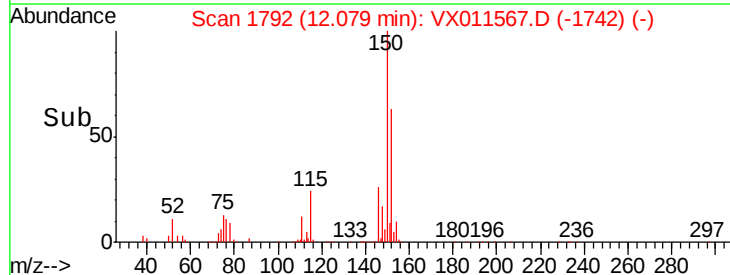
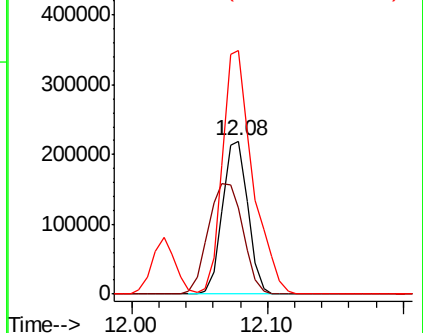
150 190.1 0.0 346.2

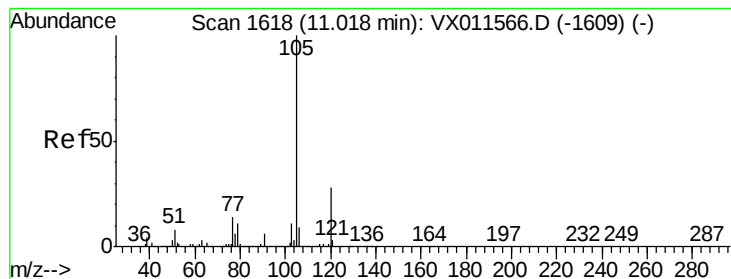


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 94.695 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

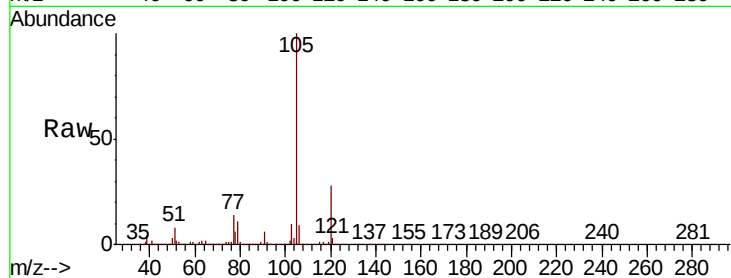
VSTDIC100

Tgt Ion: 105 Resp: 1815597

Ion Ratio Lower Upper

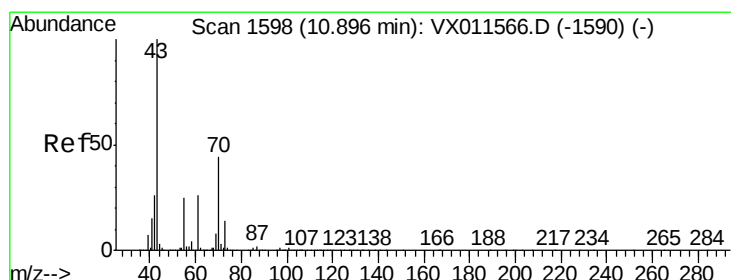
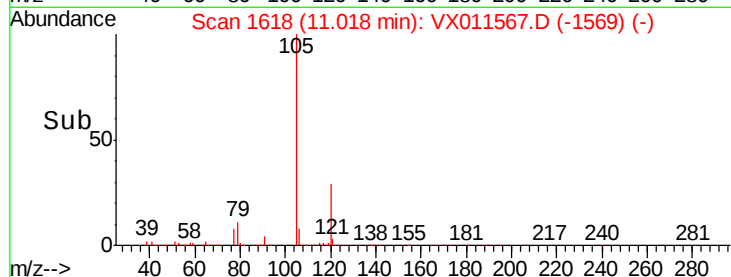
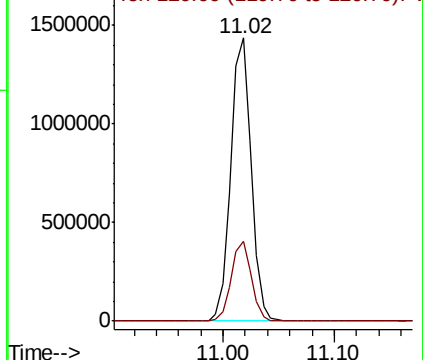
105 100

120 27.7 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.384 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Tgt Ion: 43 Resp: 793632

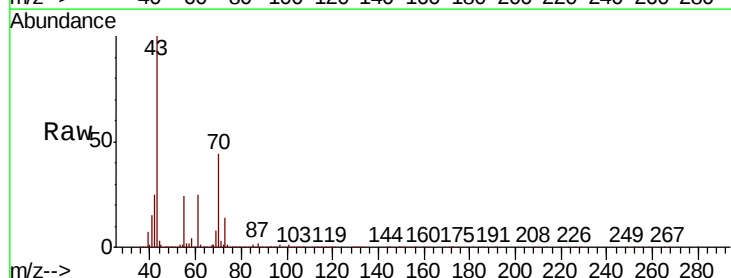
Ion Ratio Lower Upper

43 100

70 43.2 34.7 52.1

55 24.3 19.6 29.4

61 24.8 19.9 29.9

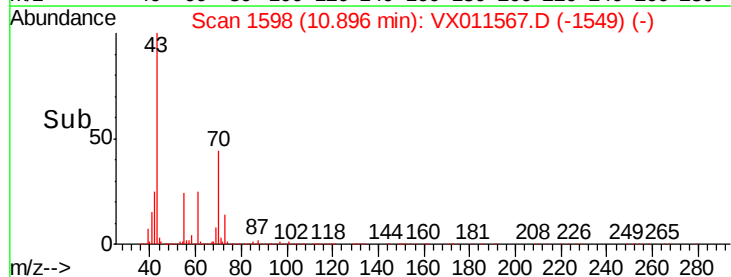
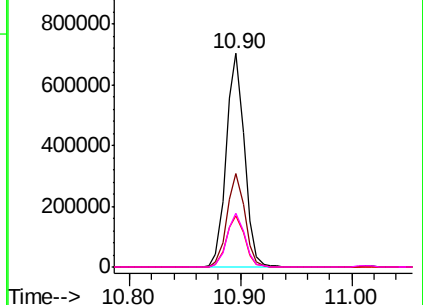


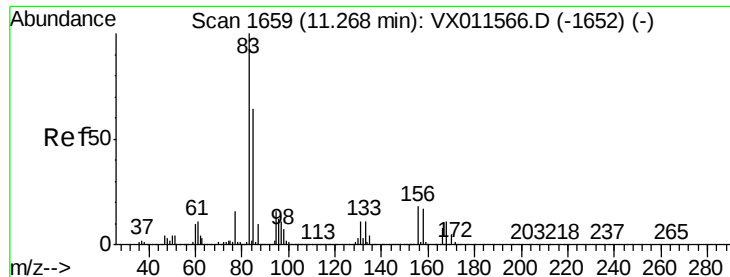
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 97.136 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

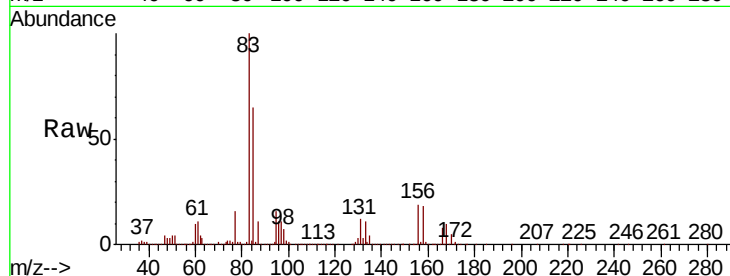
Tgt Ion: 83 Resp: 611561

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.3

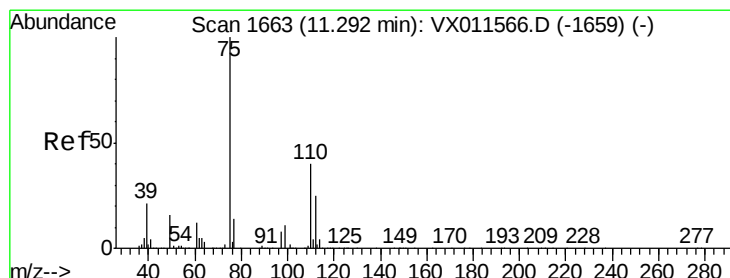
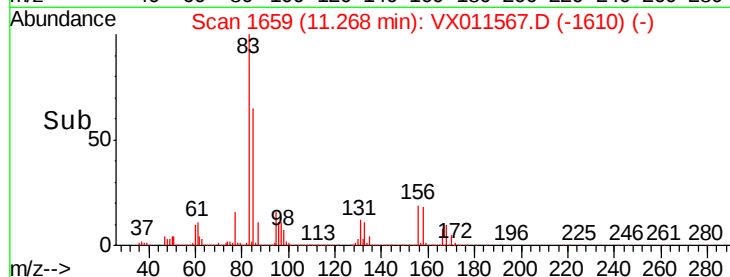
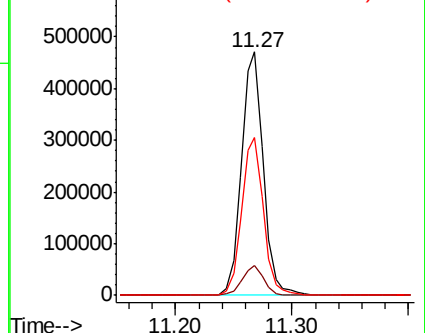
85 65.1 31.9 95.9



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: 135.471 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011567.D

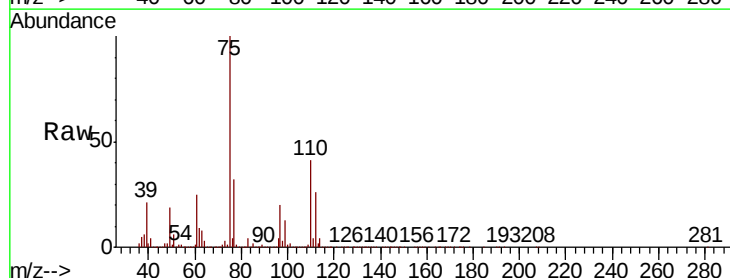
Acq: 15 Aug 2019 19:14

Tgt Ion: 75 Resp: 702093

Ion Ratio Lower Upper

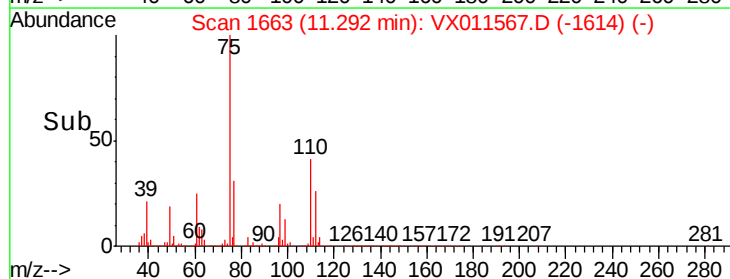
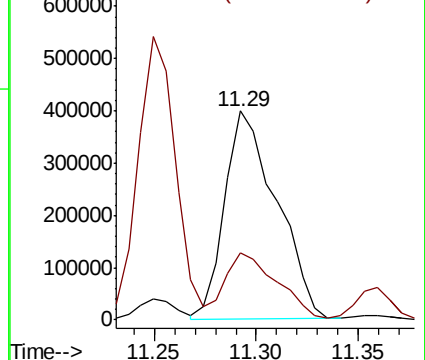
75 100

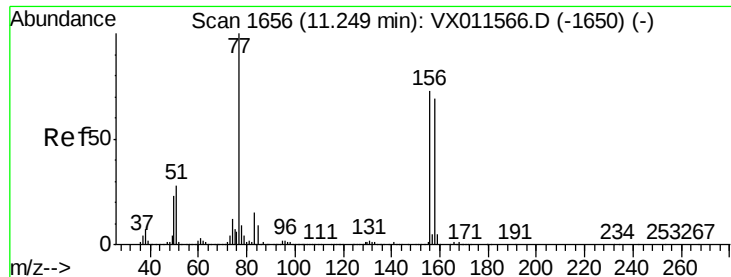
77 32.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 99.319 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

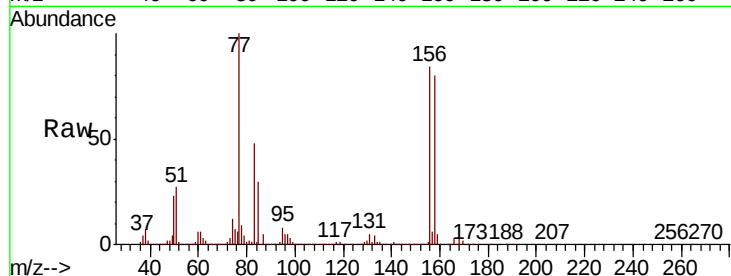
Tgt Ion:156 Resp: 531583

Ion Ratio Lower Upper

156 100

77 130.2 64.6 193.9

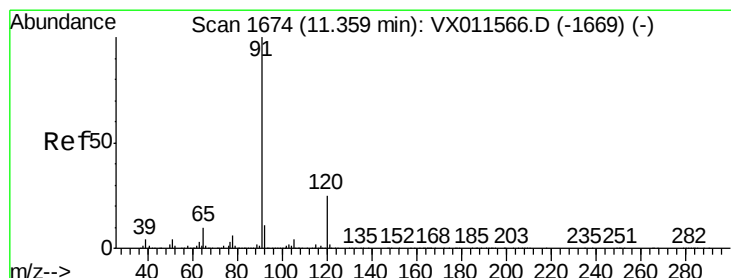
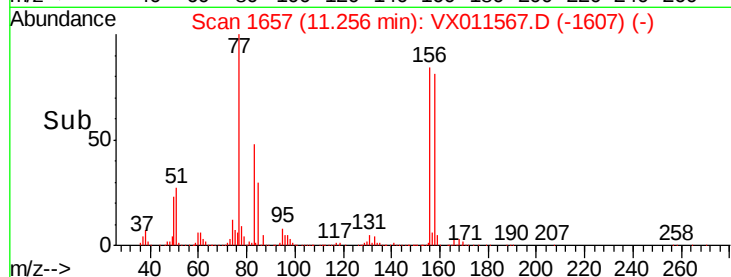
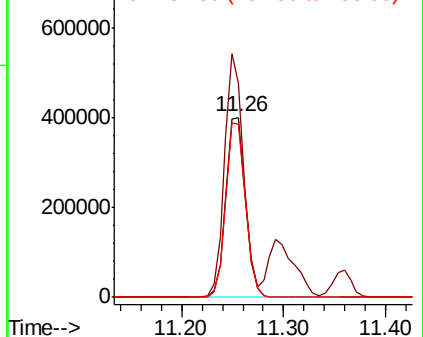
158 97.6 48.4 145.3



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: 94.908 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011567.D

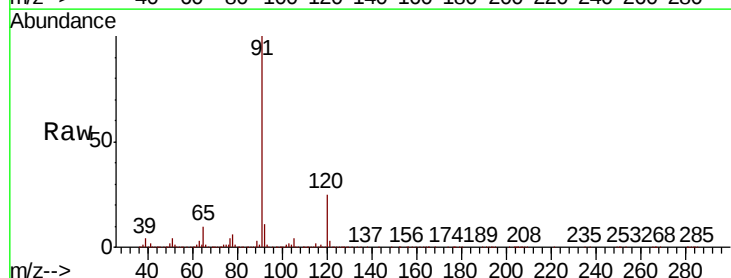
Acq: 15 Aug 2019 19:14

Tgt Ion: 91 Resp: 2002397

Ion Ratio Lower Upper

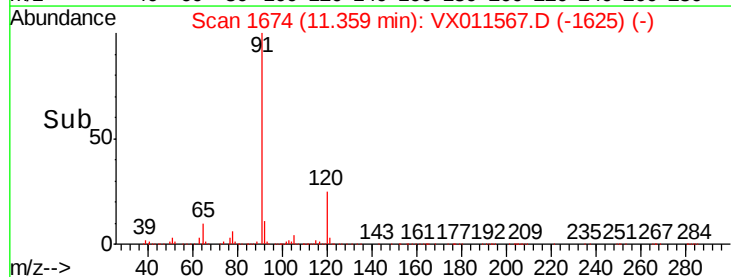
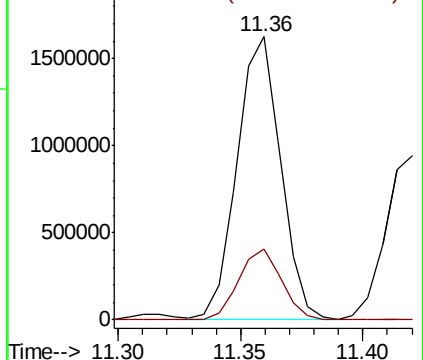
91 100

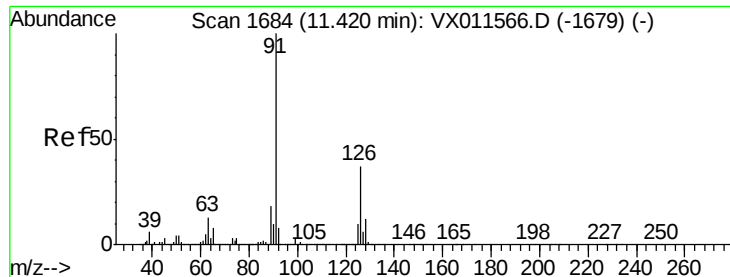
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.335 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

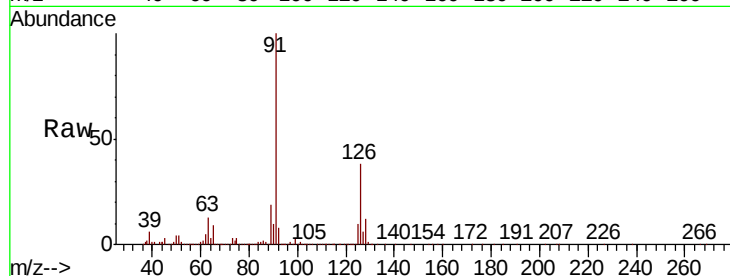
VSTDIC100

Tgt Ion: 91 Resp: 1201305

Ion Ratio Lower Upper

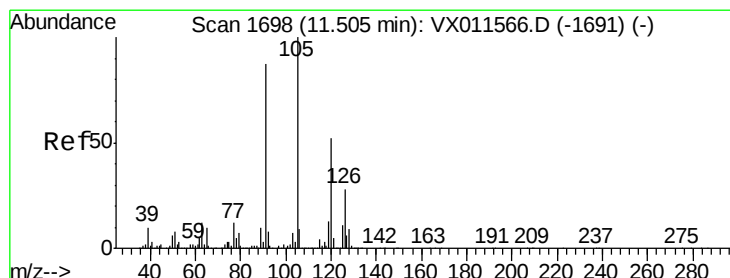
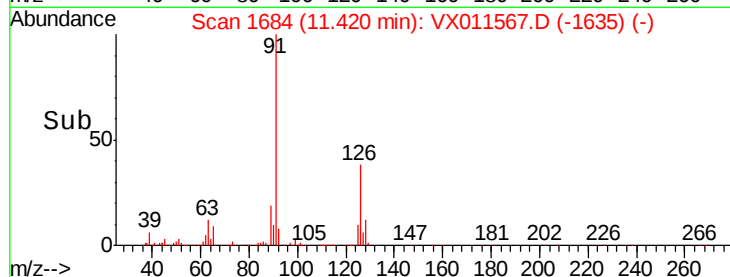
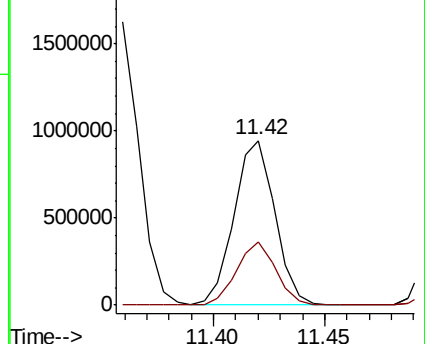
91 100

126 37.2 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 96.844 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011567.D

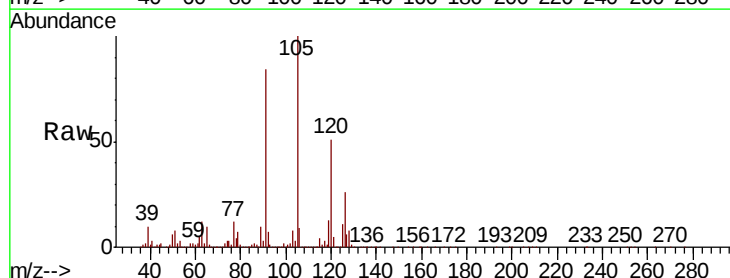
Acq: 15 Aug 2019 19:14

Tgt Ion: 105 Resp: 1550113

Ion Ratio Lower Upper

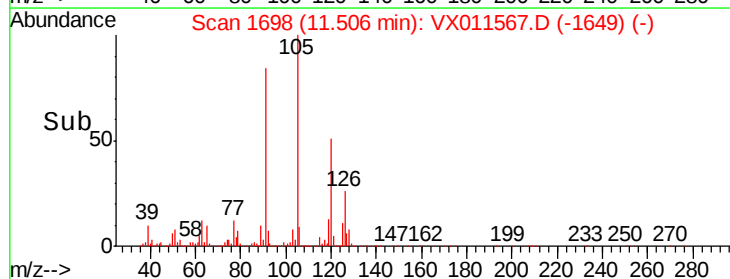
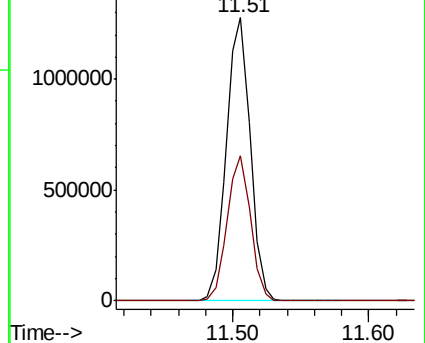
105 100

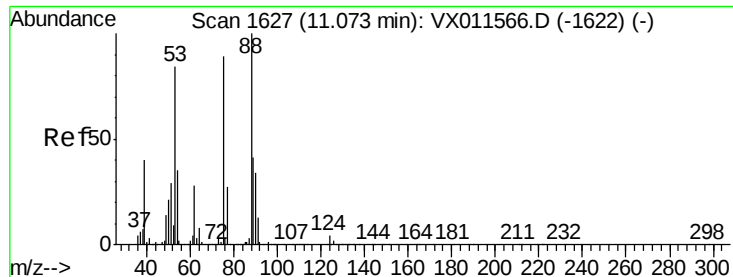
120 50.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.966 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

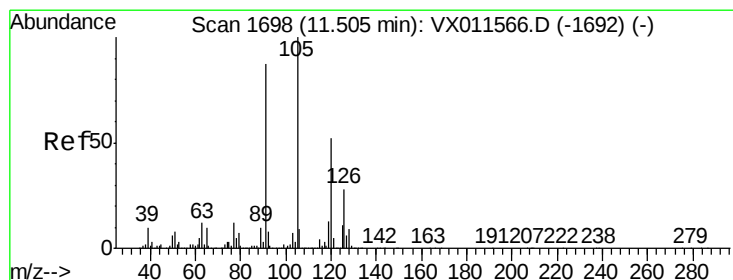
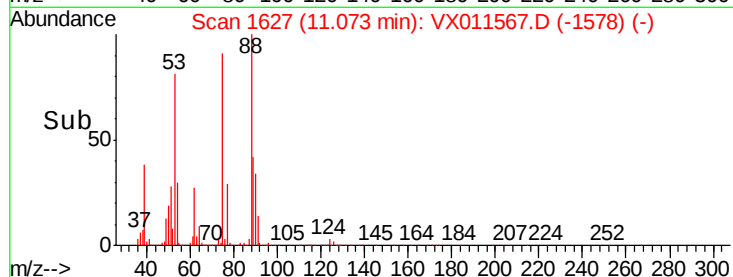
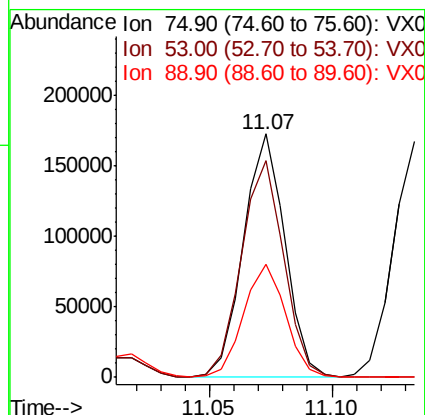
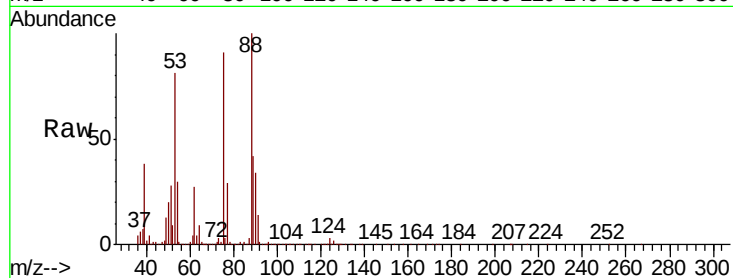
Tgt Ion: 75 Resp: 202948

Ion Ratio Lower Upper

75 100

53 90.8 77.4 116.0

89 47.2 37.3 55.9



#82

4-Chlorotoluene

Concen: 94.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011567.D

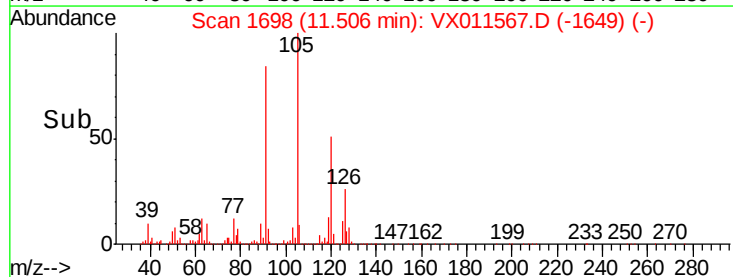
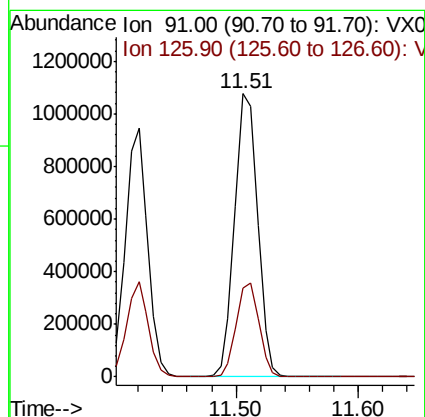
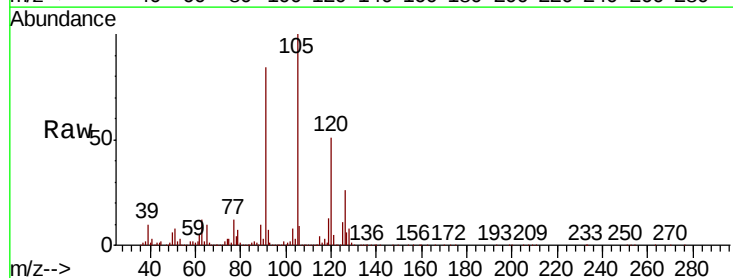
Acq: 15 Aug 2019 19:14

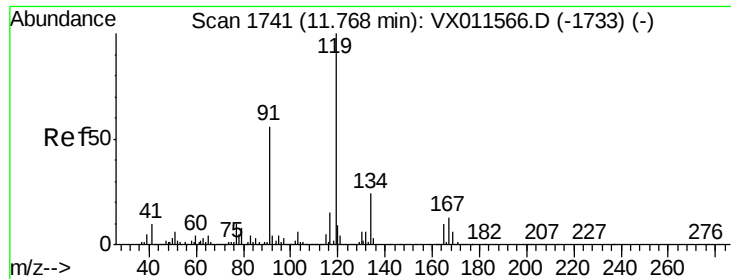
Tgt Ion: 91 Resp: 1399555

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1

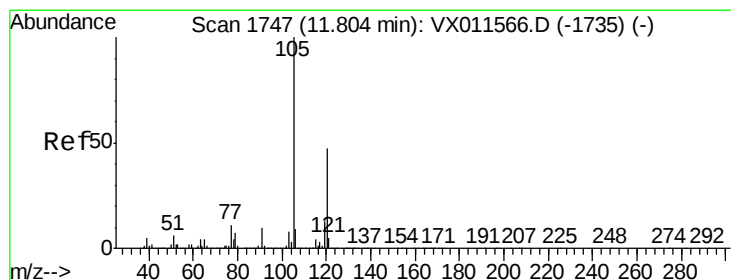
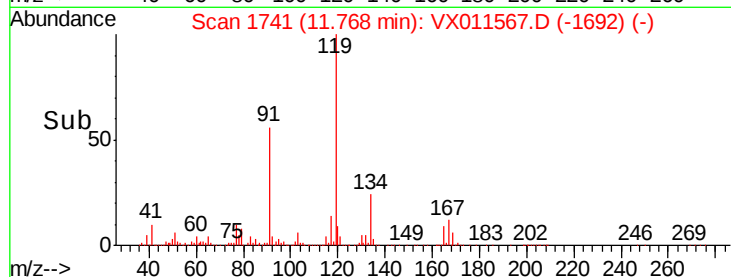
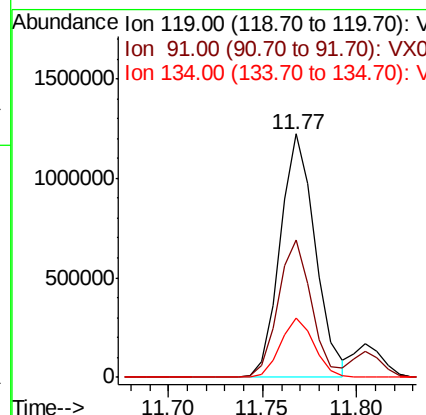
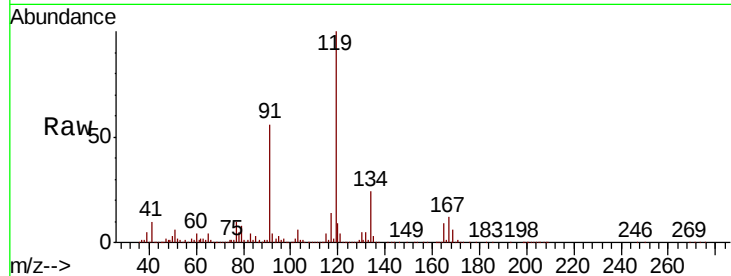




#83
tert-Butylbenzene
Concen: 99.646 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

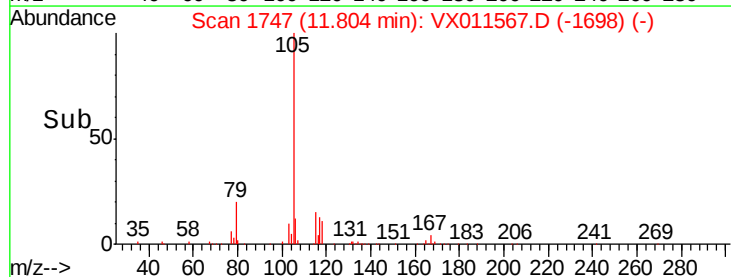
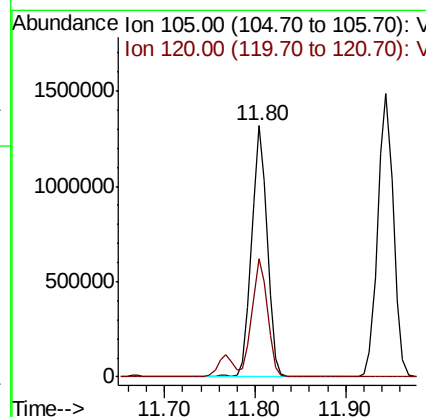
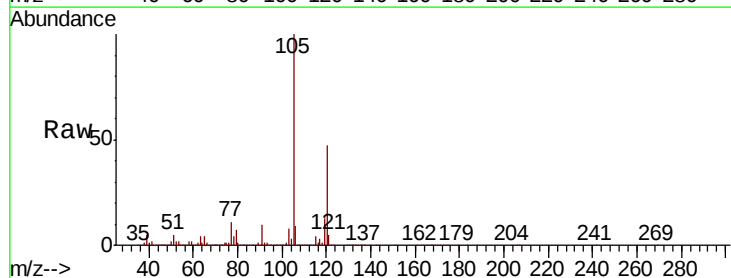
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

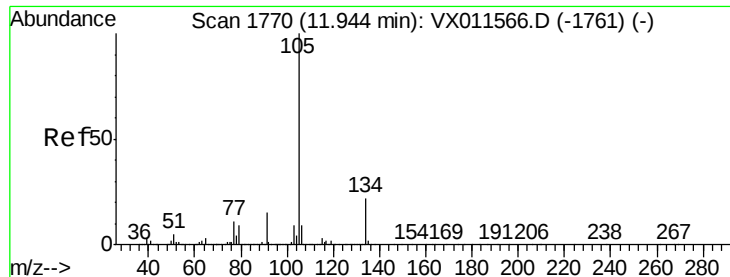
Tgt Ion:119 Resp: 1577138
Ion Ratio Lower Upper
119 100
91 53.8 27.1 81.3
134 23.5 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 97.108 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion:105 Resp: 1569184
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.9





#85

sec-Butylbenzene

Concen: 96.859 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

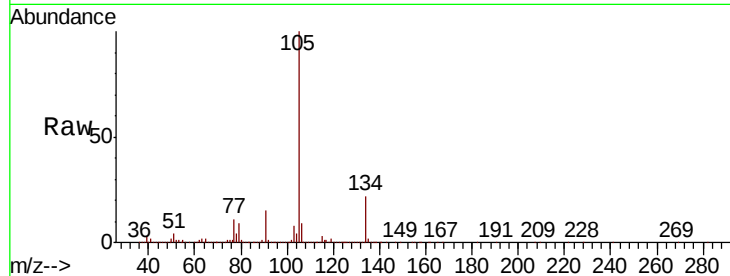
VSTDIC100

Tgt Ion:105 Resp: 1781937

Ion Ratio Lower Upper

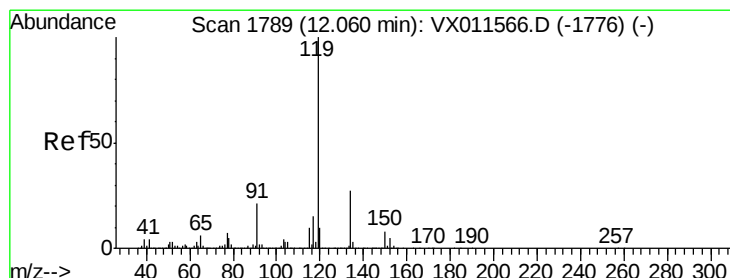
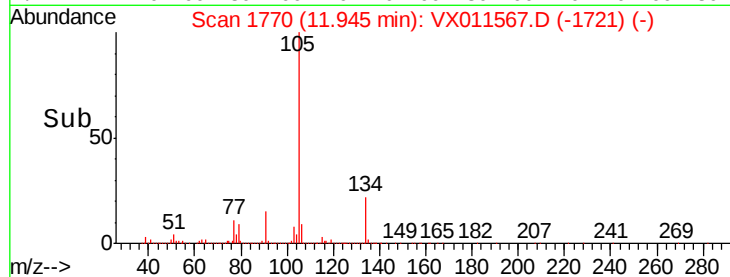
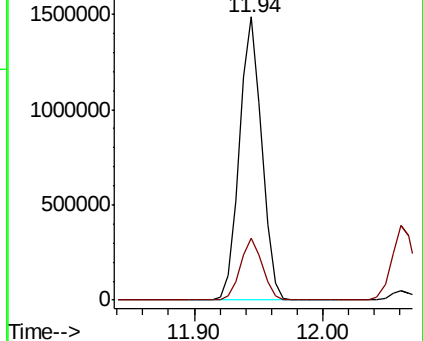
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 100.509 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

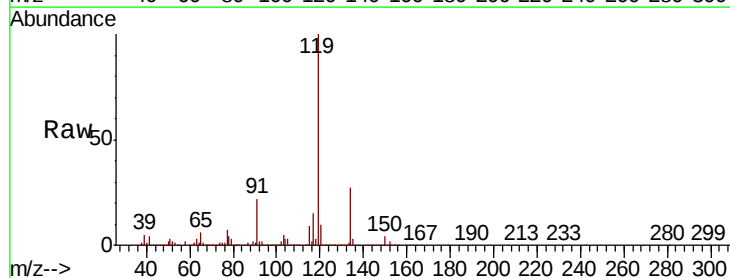
Tgt Ion:119 Resp: 1718893

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

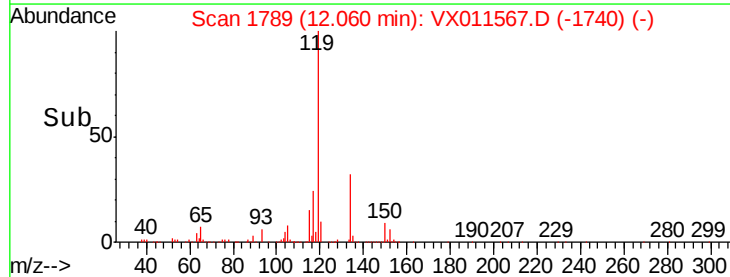
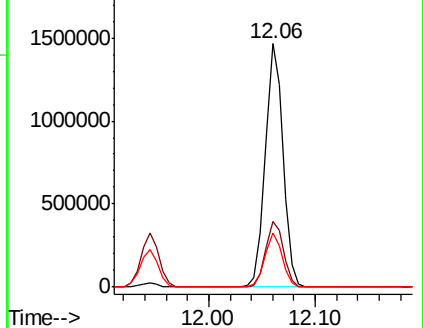
91 21.7 10.9 32.9

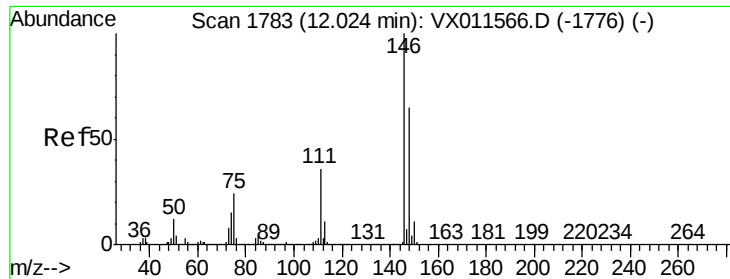


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

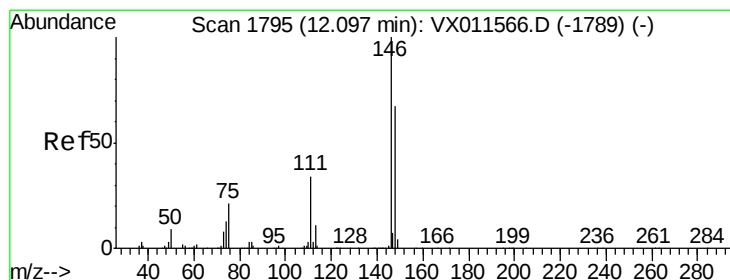
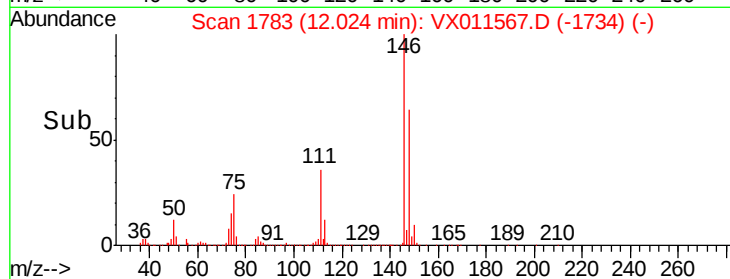
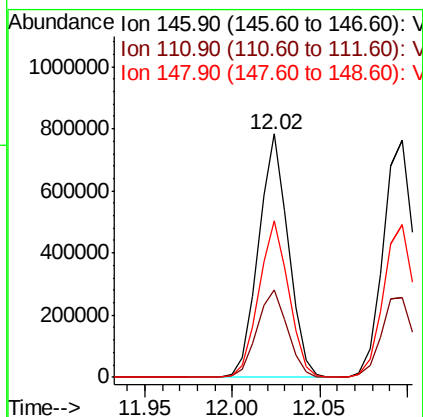
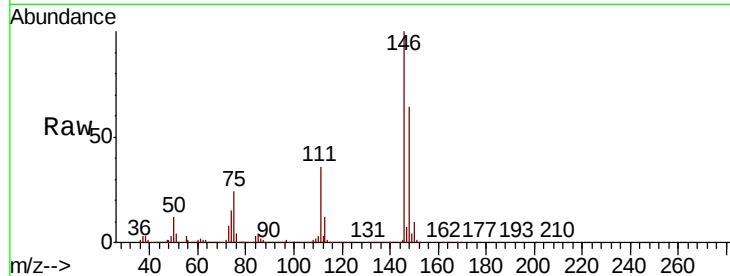




#87
 1,3-Dichlorobenzene
 Concen: 100.033 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

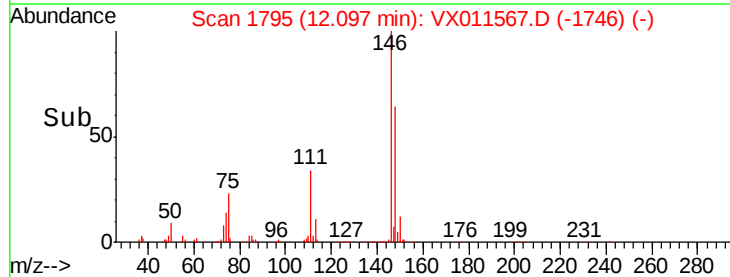
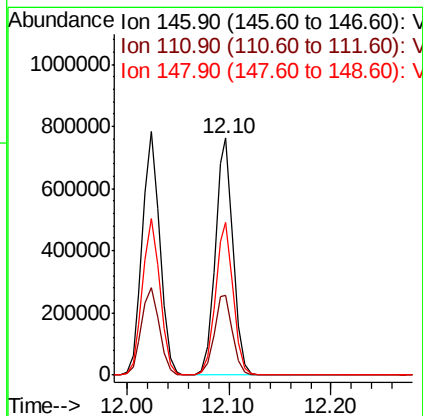
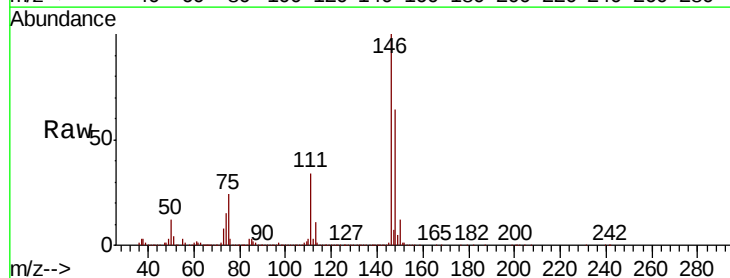
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

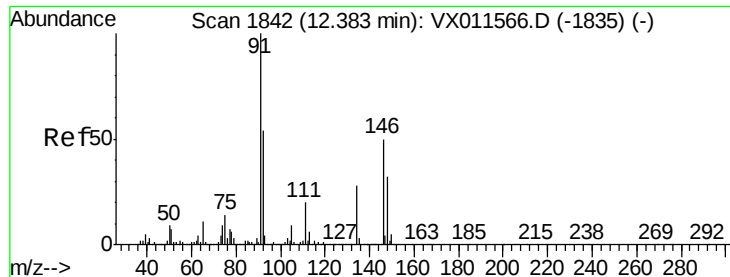
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.4
148	64.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 98.588 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.9	53.7
148	64.3	32.5	97.5

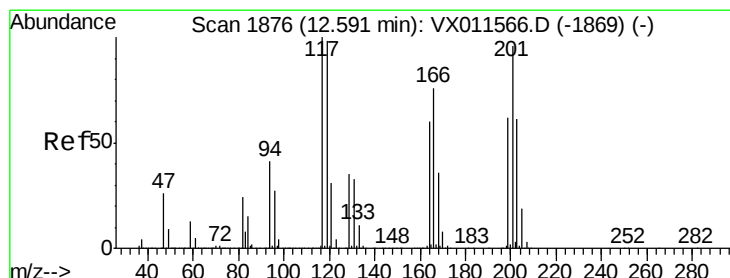
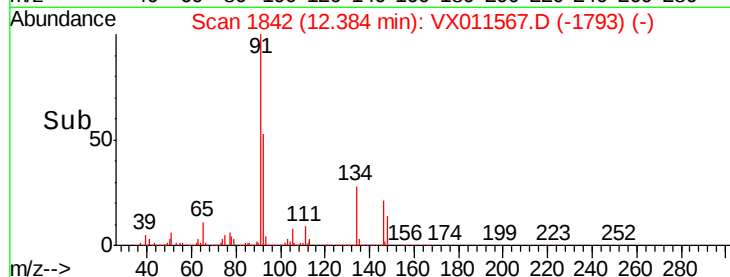
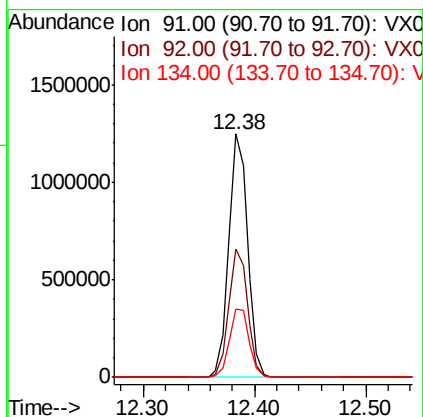
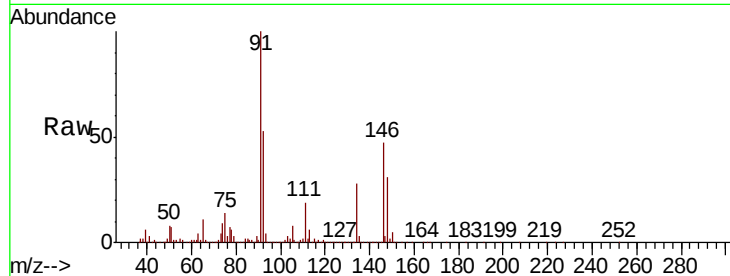




#89
n-Butylbenzene
Concen: 100.486 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

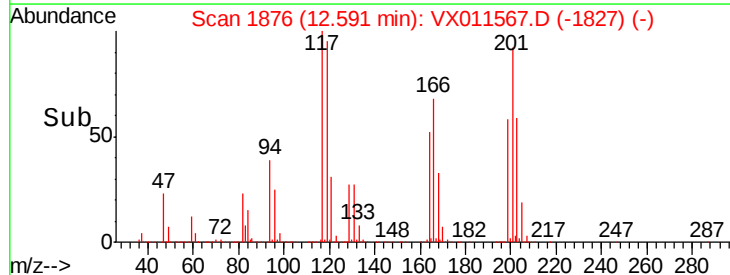
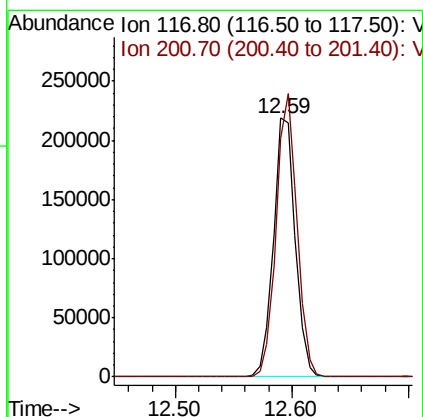
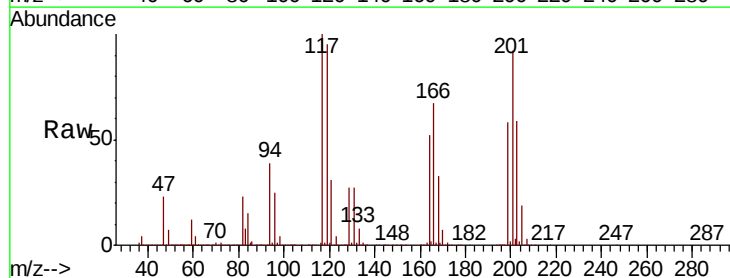
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

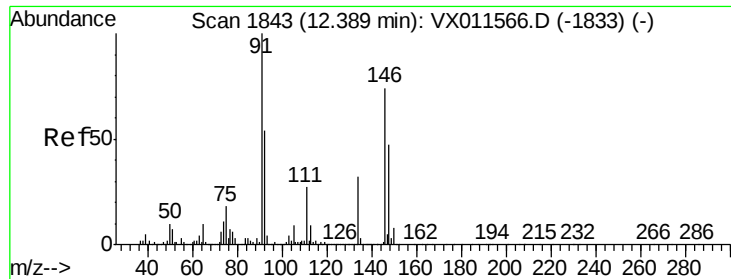
Tgt Ion: 91 Resp: 1456191
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.3
134 29.2 14.6 44.0



#90
Hexachloroethane
Concen: 105.873 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion: 117 Resp: 284490
Ion Ratio Lower Upper
117 100
201 104.0 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 101.063 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

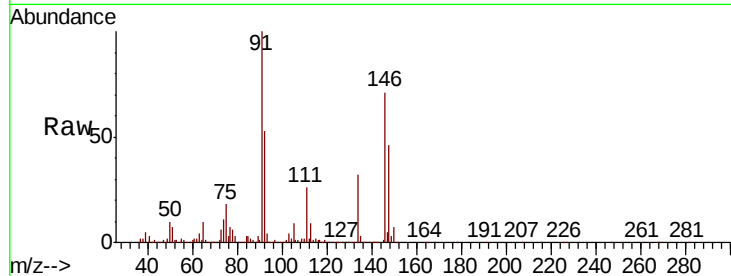
Tgt Ion:146 Resp: 927871

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

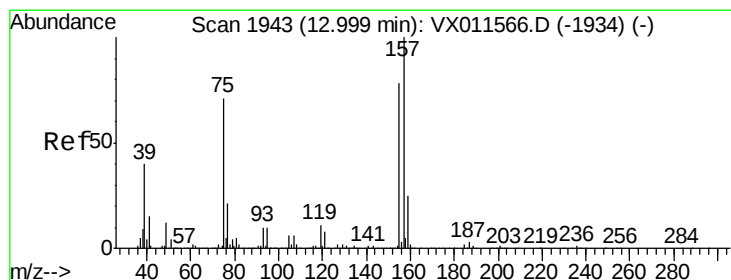
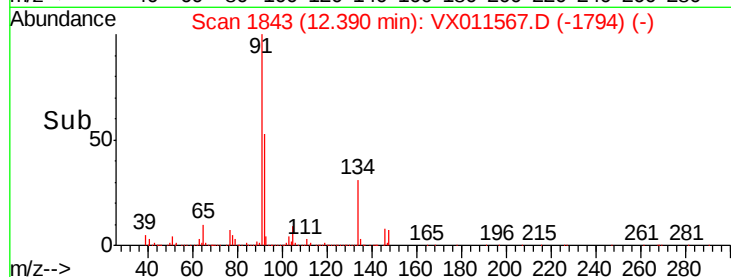
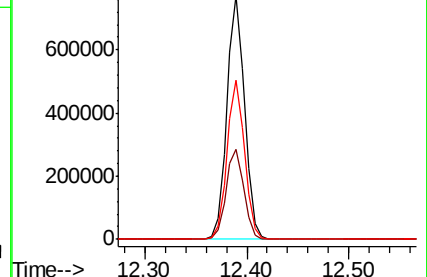
148 64.9 31.9 95.9



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: 109.841 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011567.D

Acq: 15 Aug 2019 19:14

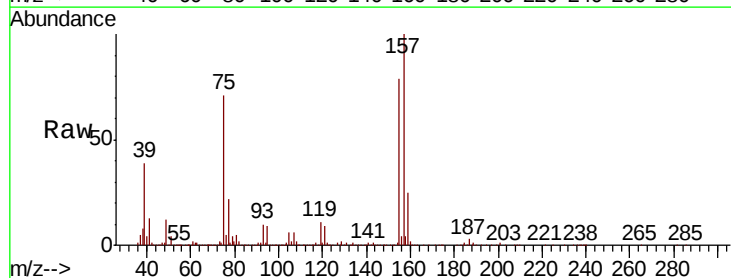
Tgt Ion: 75 Resp: 146062

Ion Ratio Lower Upper

75 100

155 106.7 53.0 159.0

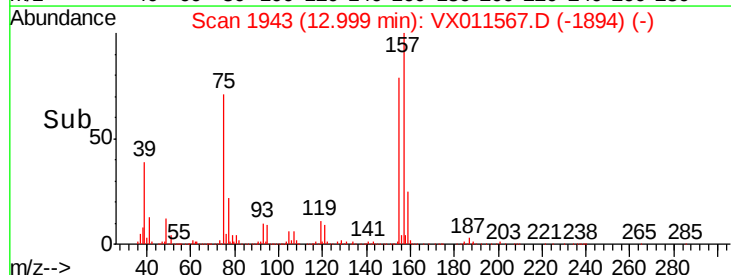
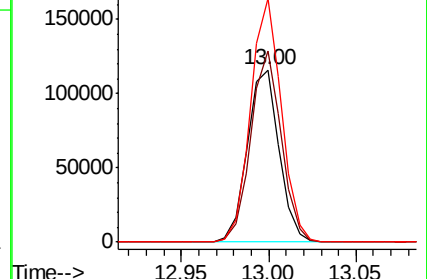
157 137.4 68.3 205.1

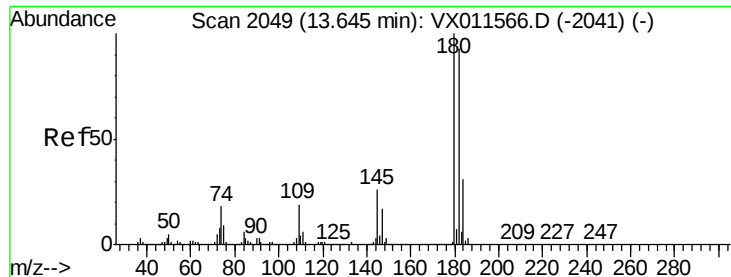


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

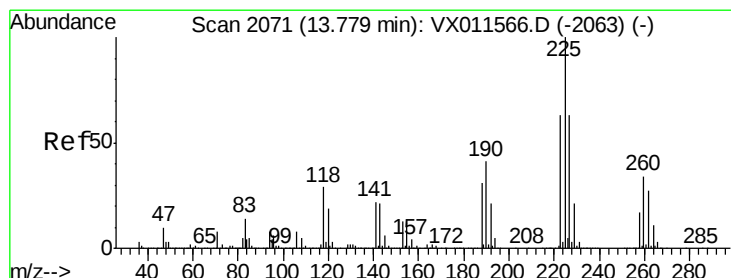
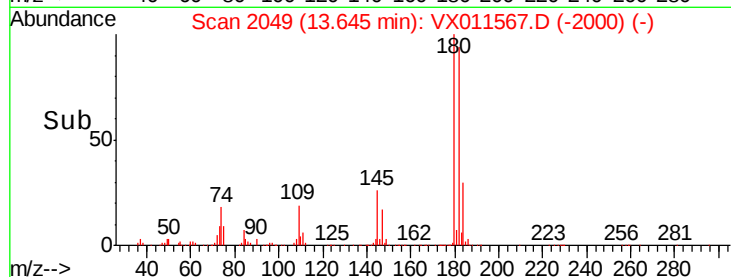
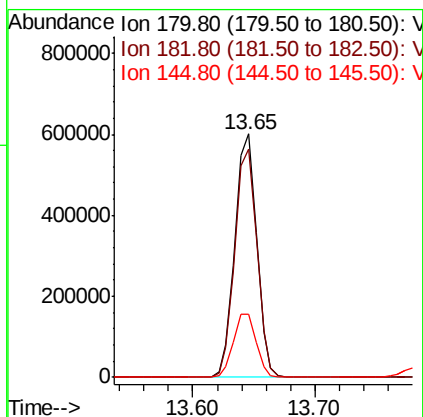
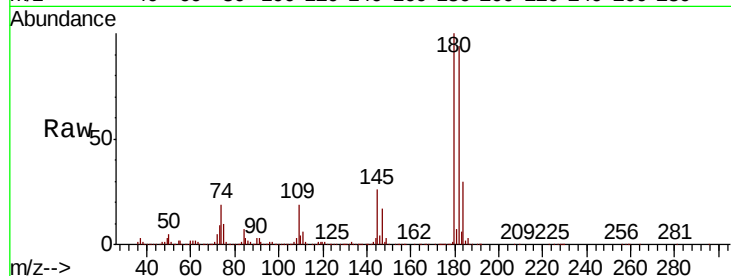




#93
 1,2,4-Trichlorobenzene
 Concen: 116.545 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

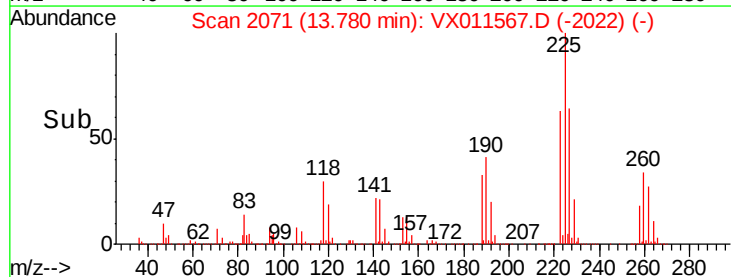
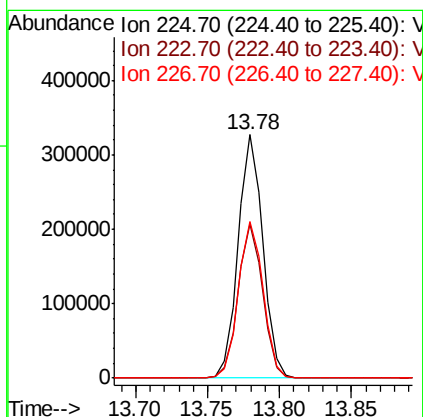
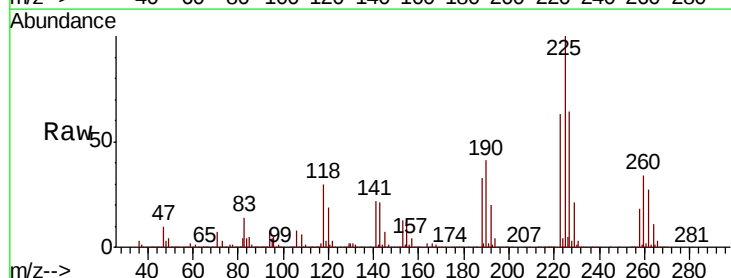
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

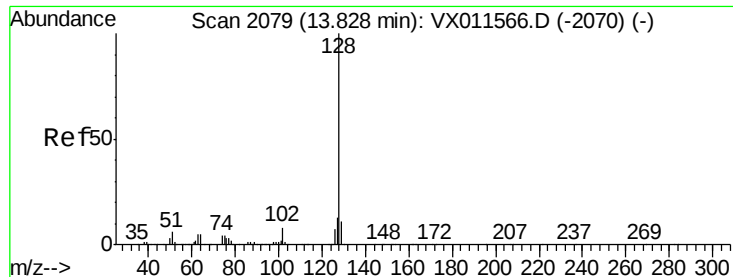
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	27.3	13.6	40.8



#94
 Hexachlorobutadiene
 Concen: 121.646 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011567.D
 Acq: 15 Aug 2019 19:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.0
227	64.6	31.2	93.6

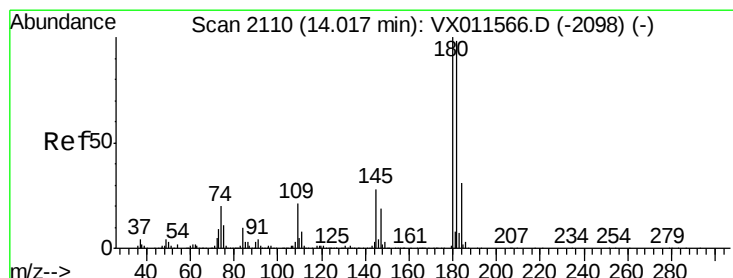
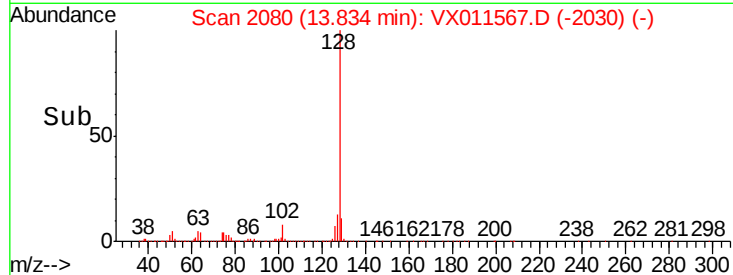
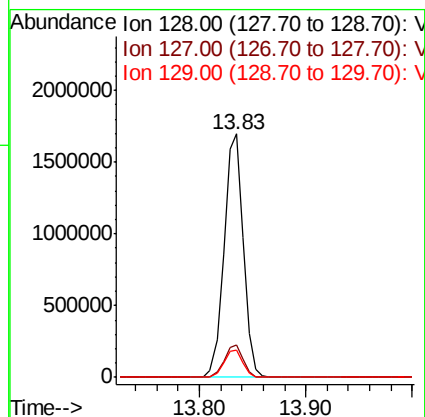
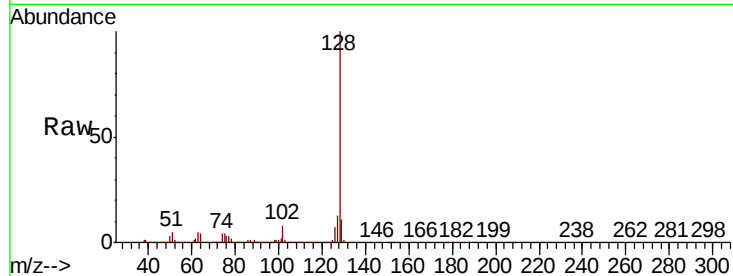




#95
Naphthalene
Concen: 114.391 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 2128793
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 116.097 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011567.D
Acq: 15 Aug 2019 19:14

Tgt Ion:180 Resp: 734868
Ion Ratio Lower Upper
180 100
182 97.7 48.0 144.0
145 29.5 14.6 43.8

