

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057242.D
 Acq On : 13 Aug 2019 11:51
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 14 05:34:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1125115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1636688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1422499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	424529	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	59571	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	
35) Dibromofluoromethane	7.58	113	55508	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
50) Toluene-d8	10.09	98	175169	4.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.84%	
62) 4-Bromofluorobenzene	12.40	95	60559	4.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	50179	4.790	ug/l	93
3) Chloromethane	2.05	50	55594	4.025	ug/l	91
4) Vinyl Chloride	2.18	62	54751	4.125	ug/l	97
5) Bromomethane	2.54	94	42609	5.312	ug/l	92
6) Chloroethane	2.69	64	34790	4.401	ug/l	90
7) Trichlorofluoromethane	3.01	101	81670	4.661	ug/l	96
8) Diethyl Ether	3.40	74	31058	4.626	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	51276	4.890	ug/l	99
10) Methyl Iodide	3.95	142	70110	4.841	ug/l #	94
11) Tert butyl alcohol	4.76	59	41231	20.916	ug/l #	97
12) 1,1-Dichloroethene	3.73	96	51307	4.889	ug/l	93
13) Acrolein	3.60	56	28874	34.287	ug/l	97
14) Allyl chloride	4.31	41	73868	4.149	ug/l	98
15) Acrylonitrile	4.98	53	109895	19.171	ug/l #	90
16) Acetone	3.81	43	95748	17.493	ug/l	99
17) Carbon Disulfide	4.05	76	128331	4.601	ug/l	97
18) Methyl Acetate	4.32	43	66270	4.423	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	145920	4.407	ug/l	97
20) Methylene Chloride	4.55	84	58478	4.726	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	53184	4.804	ug/l	95
22) Diisopropyl ether	5.94	45	150413	4.306	ug/l	90
23) Vinyl Acetate	5.88	43	583097	20.682	ug/l	100
24) 1,1-Dichloroethane	5.84	63	94035	4.571	ug/l	98
25) 2-Butanone	6.82	43	143368	18.041	ug/l	98
26) 2,2-Dichloropropane	6.82	77	74946	4.938	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	62235	4.882	ug/l	98
28) Bromochloromethane	7.18	49	43223	4.551	ug/l	98
29) Tetrahydrofuran	7.20	42	86255	16.714	ug/l	97
30) Chloroform	7.36	83	97743	4.713	ug/l	99
31) Cyclohexane	7.65	56	92135	4.805	ug/l #	78
32) 1,1,1-Trichloroethane	7.56	97	80024	4.827	ug/l	98
36) 1,1-Dichloropropene	7.79	75	71068	4.705	ug/l	99
37) Ethyl Acetate	6.92	43	58864	4.123	ug/l	95
38) Carbon Tetrachloride	7.77	117	72627	5.037	ug/l	99

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

Quant Time: Aug 14 05:34:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	84281	4.550	ug/l	99
40) Benzene	8.03	78	218750	4.748	ug/l	98
41) Methacrylonitrile	7.19	41	83342	13.429	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	72253	4.939	ug/l	99
43) Isopropyl Acetate	8.16	43	102610	4.506	ug/l	96
44) Trichloroethene	8.83	130	64740	5.111	ug/l	95
45) 1,2-Dichloropropane	9.11	63	56241	4.635	ug/l	99
46) Dibromomethane	9.20	93	37041	4.869	ug/l	96
47) Bromodichloromethane	9.40	83	69352	4.762	ug/l	95
48) Methyl methacrylate	9.19	41	43131	3.941	ug/l	97
49) 1,4-Dioxane	9.19	88	20612	90.355	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	275731	18.960	ug/l	100
52) Toluene	10.15	92	137574	4.992	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	69637	4.576	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	83289	4.736	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	53985	4.713	ug/l	95
56) Ethyl methacrylate	10.43	69	69292	4.253	ug/l	98
57) 1,3-Dichloropropane	10.70	76	89504	4.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	75086	10.392	ug/l	98
59) 2-Hexanone	10.75	43	192952	18.578	ug/l	99
60) Dibromochloromethane	10.90	129	57744	5.053	ug/l	95
61) 1,2-Dibromoethane	11.00	107	54513	4.774	ug/l	97
64) Tetrachloroethene	10.63	164	67863	5.504	ug/l	92
65) Chlorobenzene	11.43	112	146293	5.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	54982	5.083	ug/l	98
67) Ethyl Benzene	11.51	91	244808	4.796	ug/l	97
68) m/p-Xylenes	11.62	106	181362	9.515	ug/l	97
69) o-Xylene	11.94	106	91439	4.881	ug/l	97
70) Styrene	11.96	104	126562	4.193	ug/l	97
71) Bromoform	12.13	173	39954	4.861	ug/l #	97
73) Isopropylbenzene	12.25	105	229657	6.587	ug/l	99
74) N-amyl acetate	12.07	43	65651	5.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	69797	6.087	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	80892	8.850	ug/l #	100
77) Bromobenzene	12.53	156	60385	6.610	ug/l	99
78) n-propylbenzene	12.59	91	212151	5.540	ug/l	99
79) 2-Chlorotoluene	12.67	91	140633	5.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	183606	6.234	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18484	6.103	ug/l	94
82) 4-Chlorotoluene	12.77	91	123199	5.493	ug/l	99
83) tert-Butylbenzene	12.99	119	173108	6.688	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	168197	5.895	ug/l	100
85) sec-Butylbenzene	13.17	105	198388	6.071	ug/l	100
86) p-Isopropyltoluene	13.29	119	175536	5.962	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	75507	5.119	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	71818	5.035	ug/l	95
89) n-Butylbenzene	13.62	91	111372	4.811	ug/l	97
90) Hexachloroethane	13.88	117	33747	6.906	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	70727	4.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	6734	3.806	ug/l	99

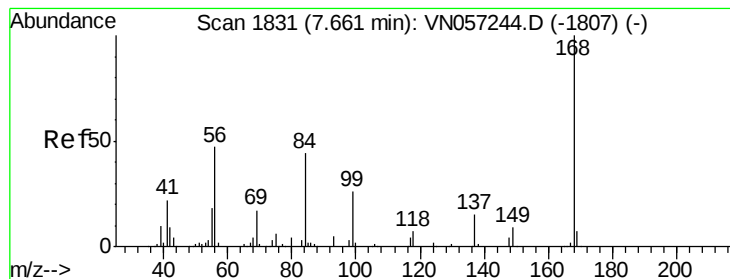
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057242.D
Acq On : 13 Aug 2019 11:51
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Aug 14 05:34:39 2019
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Quant Title : SW846 8260
QLast Update : Wed Aug 14 05:31:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	16795	2.595	ug/l	96
94) Hexachlorobutadiene	15.01	225	40917	7.356	ug/l	96
95) Naphthalene	15.13	128	31382	1.888	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	15257	2.312	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

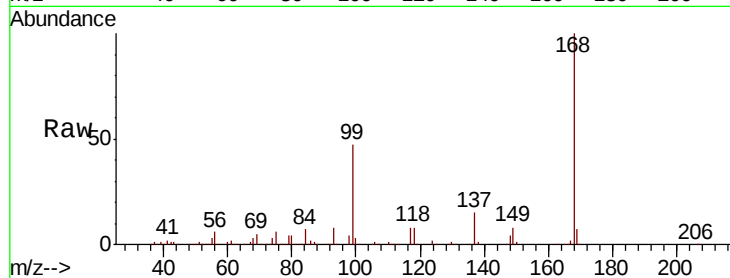
VSTDIC005

Tgt Ion:168 Resp: 1125115

Ion Ratio Lower Upper

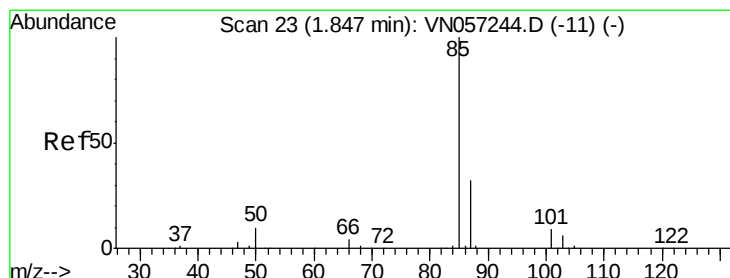
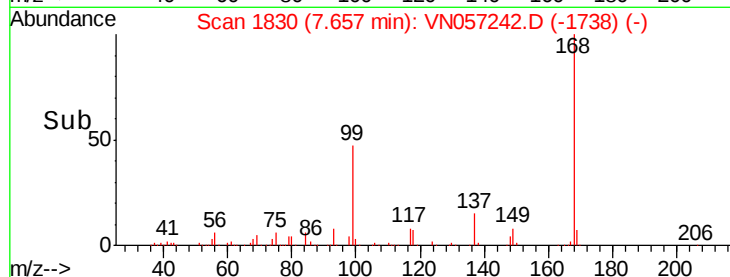
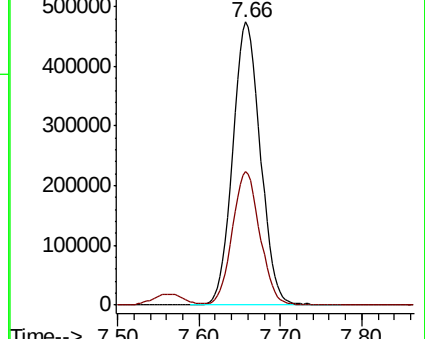
168 100

99 47.0 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): VN057244.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1807) (-)



#2

Dichlorodifluoromethane

Concen: 4.790 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057242.D

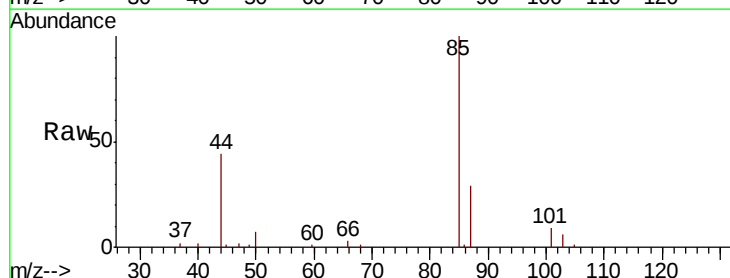
Acq: 13 Aug 2019 11:51

Tgt Ion: 85 Resp: 50179

Ion Ratio Lower Upper

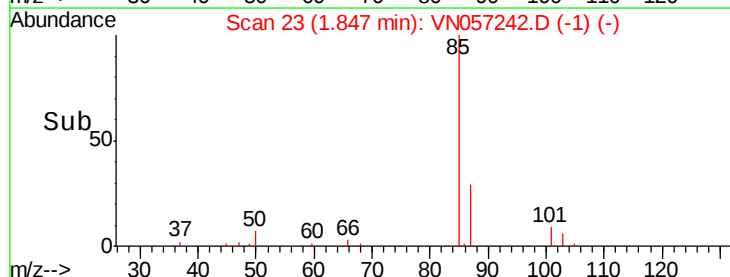
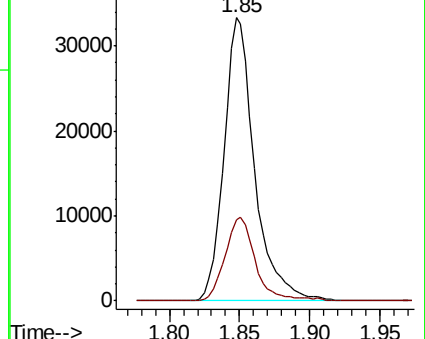
85 100

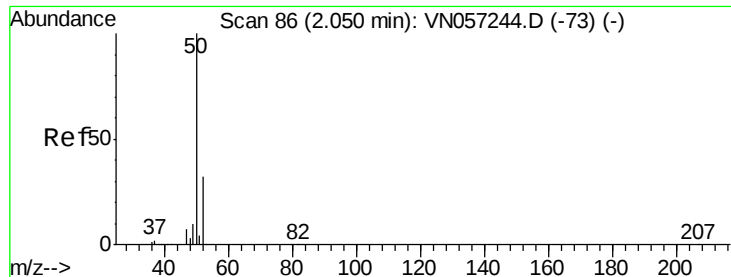
87 28.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN057244.D (-11) (-)

Ion 86.90 (86.60 to 87.60): VN057244.D (-11) (-)





#3

Chloromethane

Concen: 4.025 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

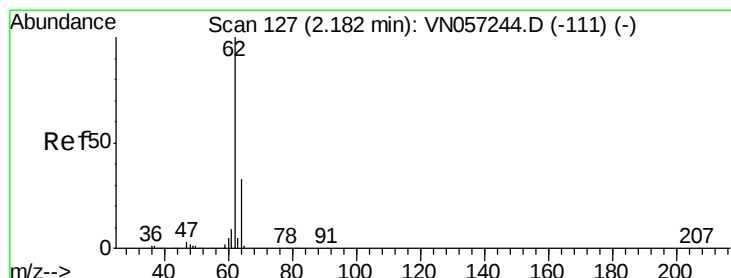
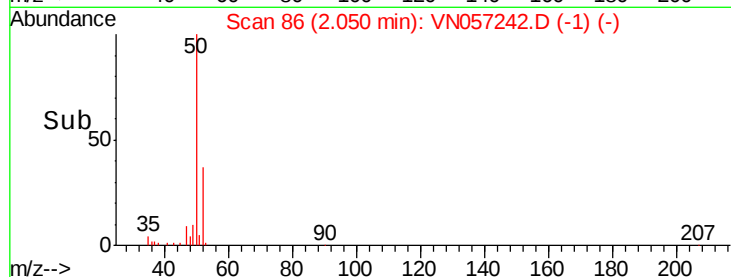
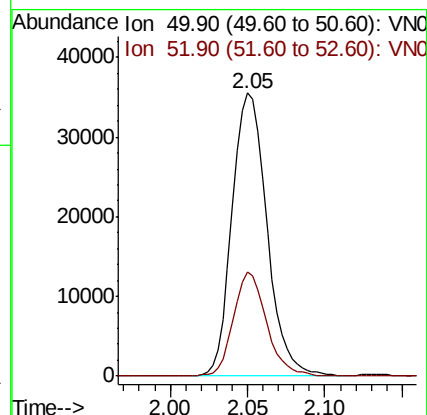
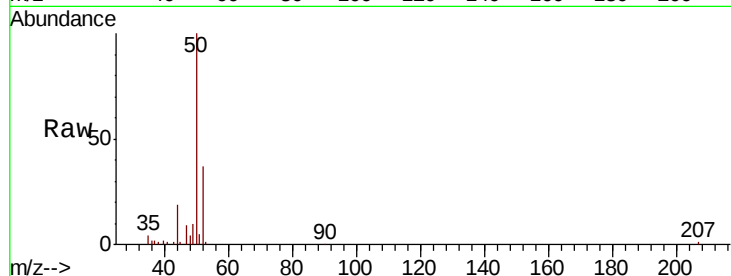
VSTDIC005

Tgt Ion: 50 Resp: 55594

Ion Ratio Lower Upper

50 100

52 36.9 25.6 38.4



#4

Vinyl Chloride

Concen: 4.125 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057242.D

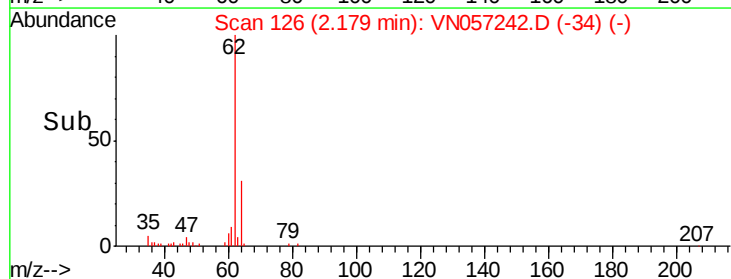
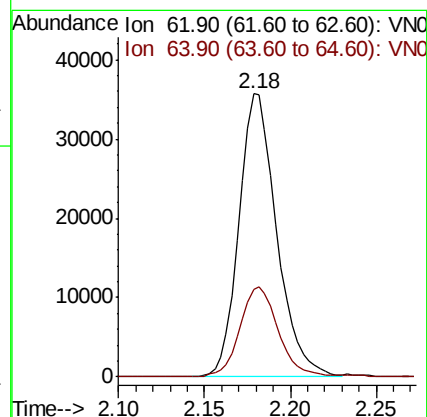
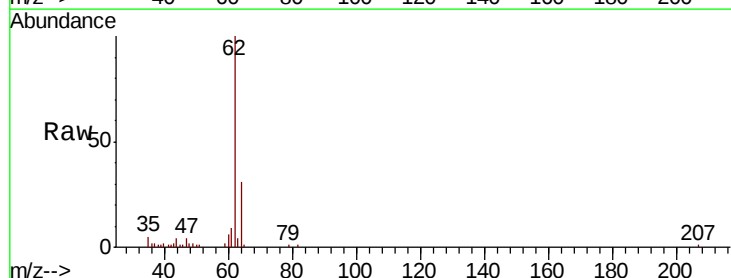
Acq: 13 Aug 2019 11:51

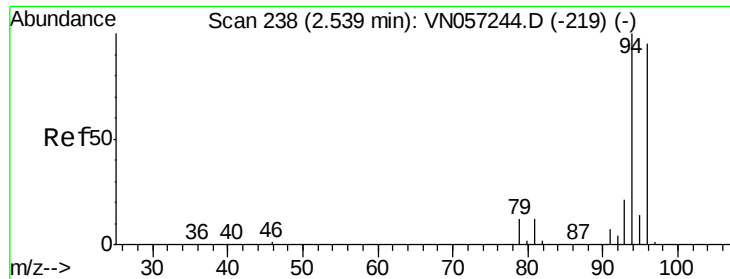
Tgt Ion: 62 Resp: 54751

Ion Ratio Lower Upper

62 100

64 30.9 26.2 39.2

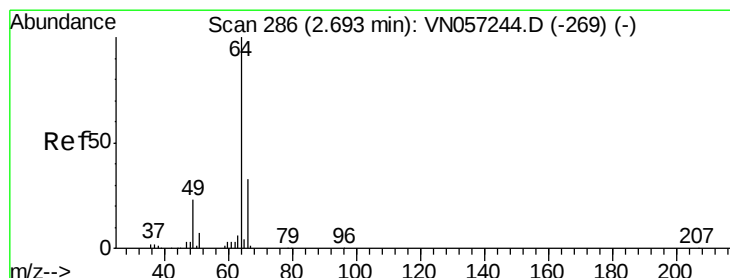
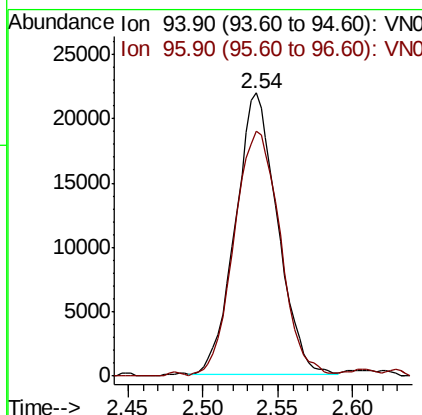
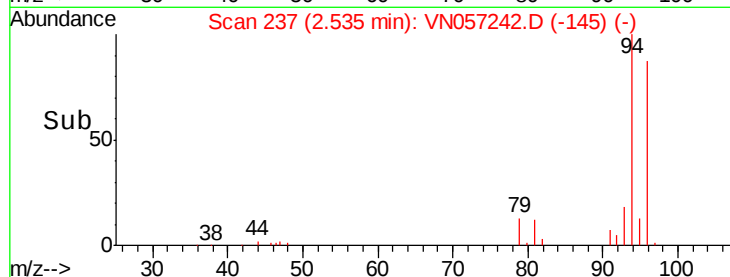
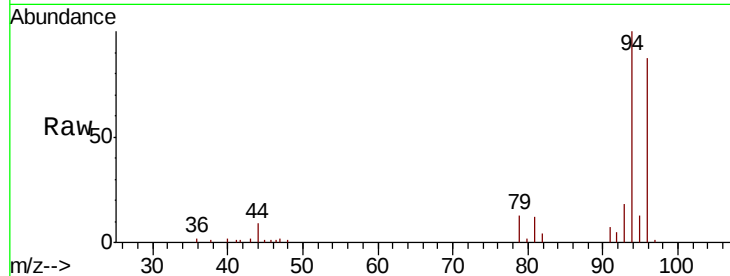




#5
 Bromomethane
 Concen: 5.312 ug/l
 RT: 2.54 min Scan# 237
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

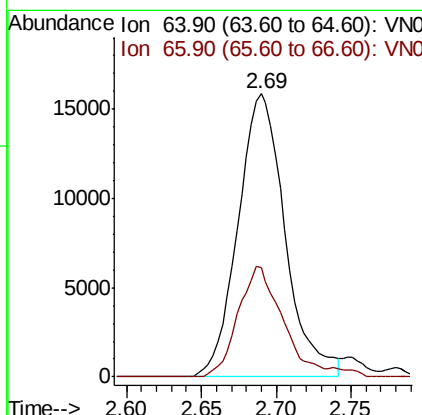
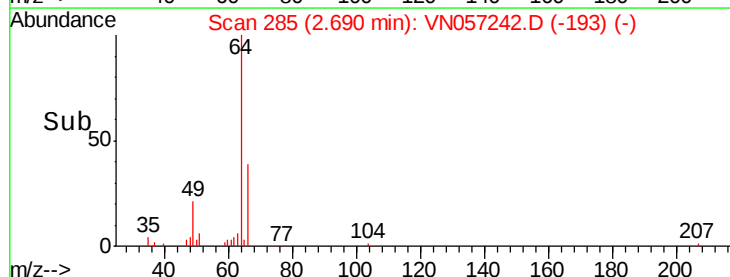
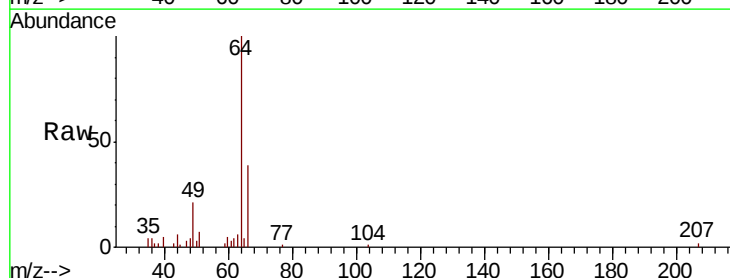
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

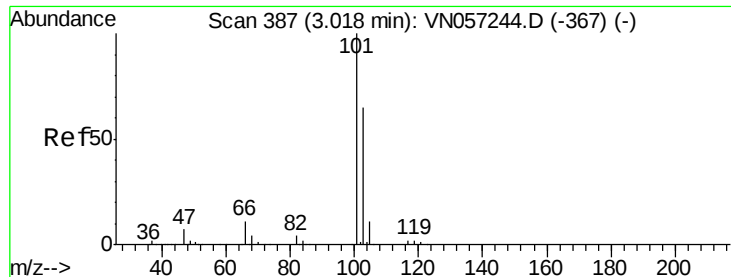
Tgt Ion: 94 Resp: 42609
 Ion Ratio Lower Upper
 94 100
 96 87.2 75.7 113.5



#6
 Chloroethane
 Concen: 4.401 ug/l
 RT: 2.69 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 64 Resp: 34790
 Ion Ratio Lower Upper
 64 100
 66 38.6 26.3 39.5



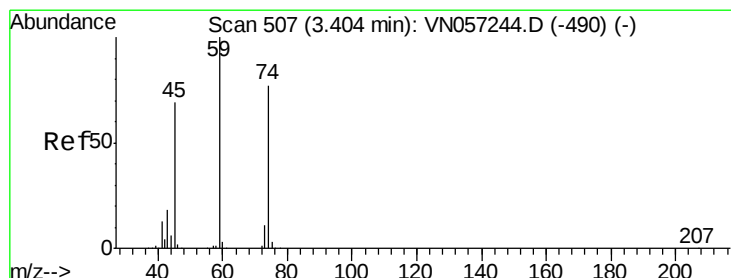
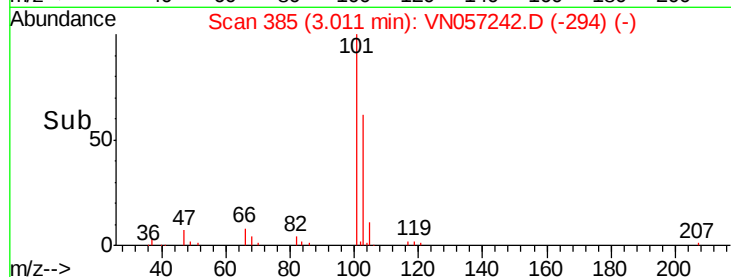
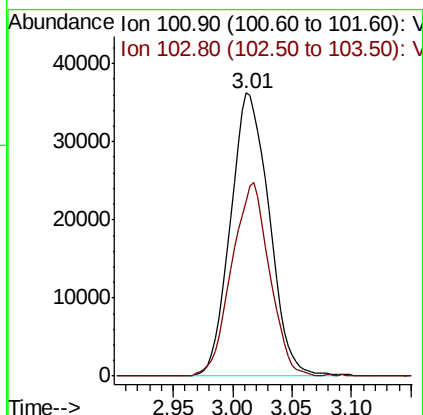
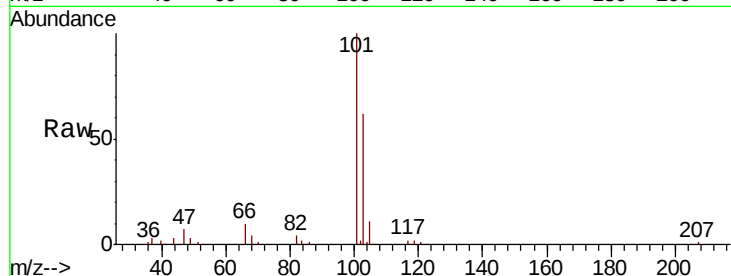


#7

Trichlorofluoromethane
 Concen: 4.661 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

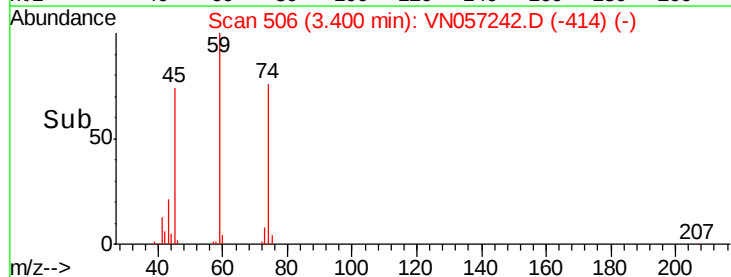
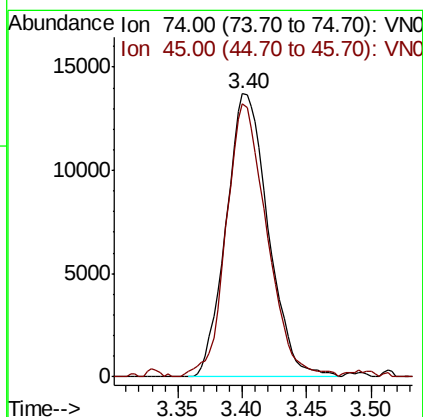
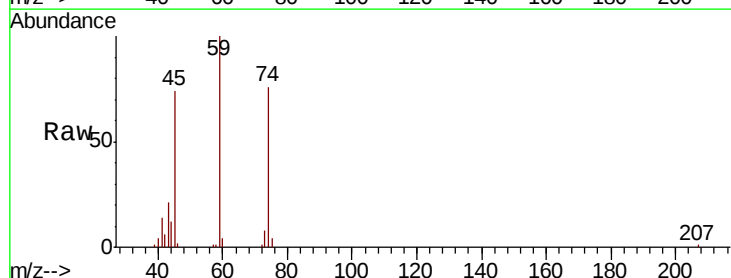
Tgt Ion: 101 Resp: 81670
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.8 77.6

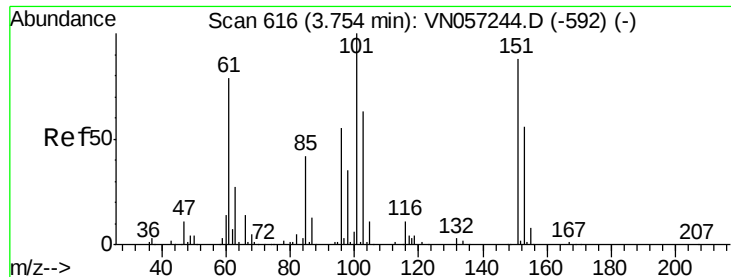


#8

Diethyl Ether
 Concen: 4.626 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 74 Resp: 31058
 Ion Ratio Lower Upper
 74 100
 45 93.4 45.1 135.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.890 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

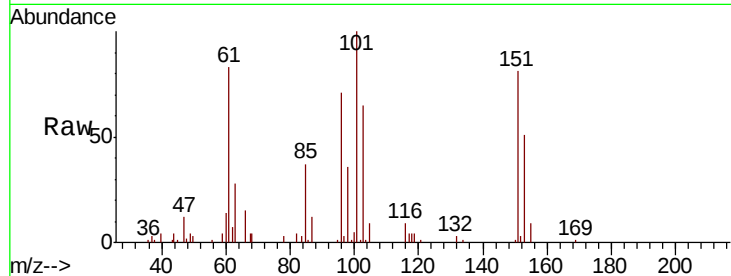
Tgt Ion:101 Resp: 51276

Ion Ratio Lower Upper

101 100

85 40.7 32.7 49.1

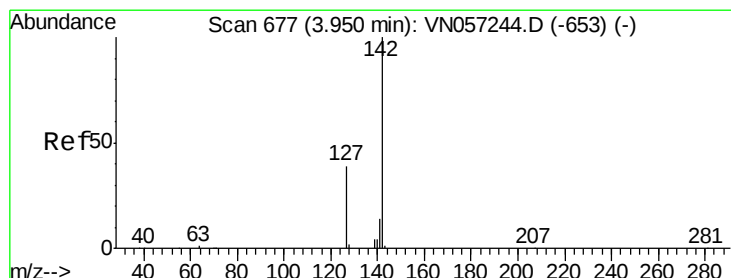
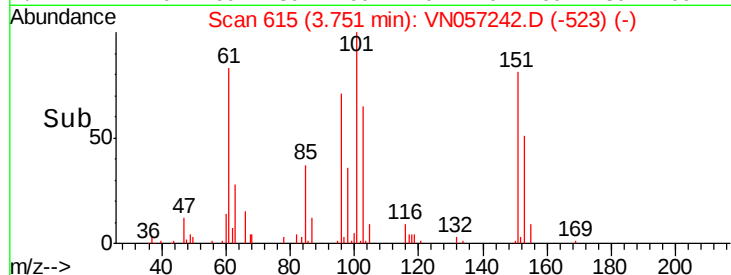
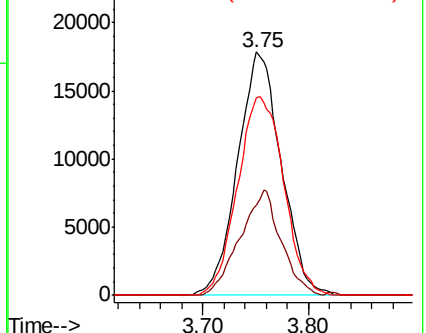
151 86.1 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.841 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

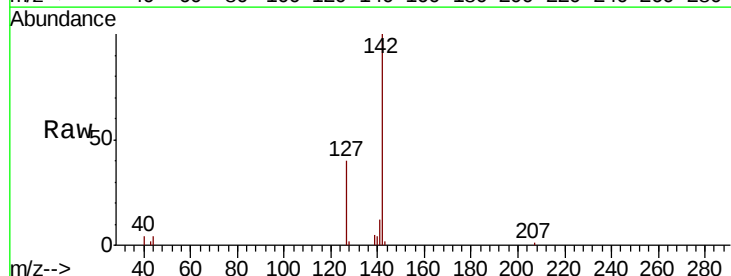
Tgt Ion:142 Resp: 70110

Ion Ratio Lower Upper

142 100

127 39.0 30.7 46.1

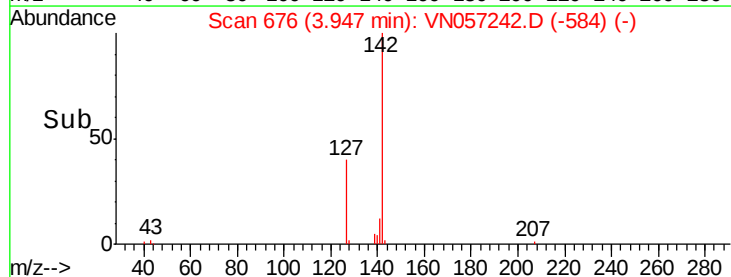
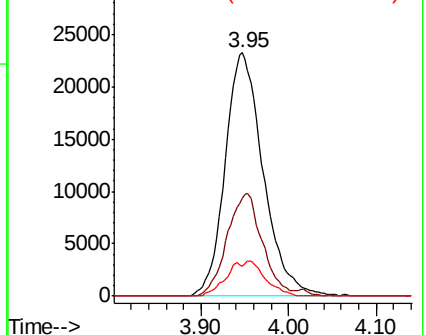
141 6.4 11.0 16.6#

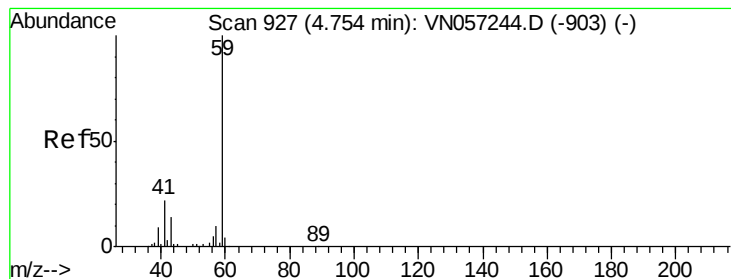


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



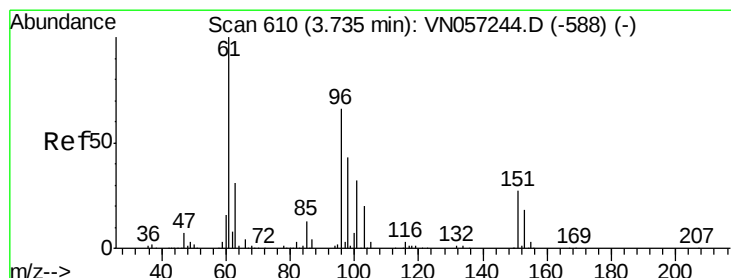
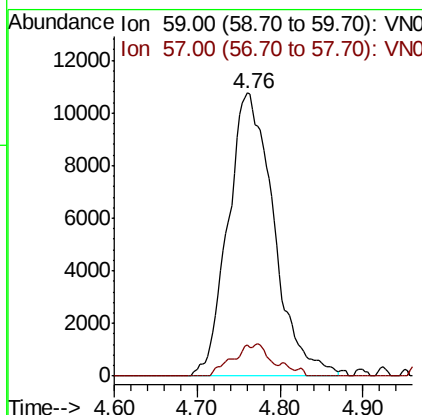
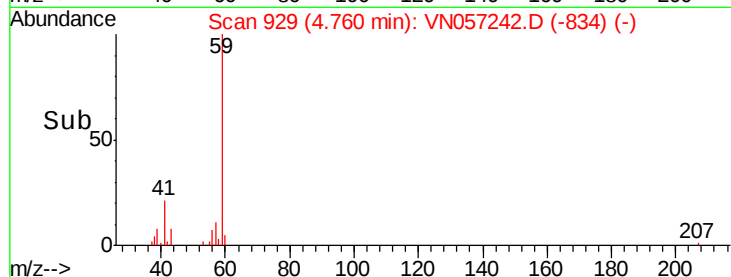
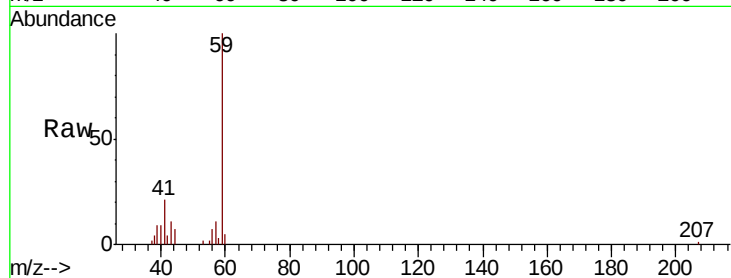


#11

Tert butyl alcohol
 Concen: 20.916 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

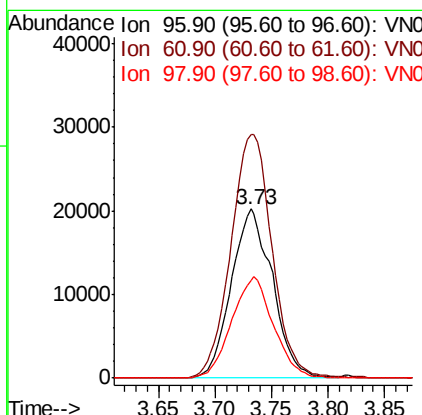
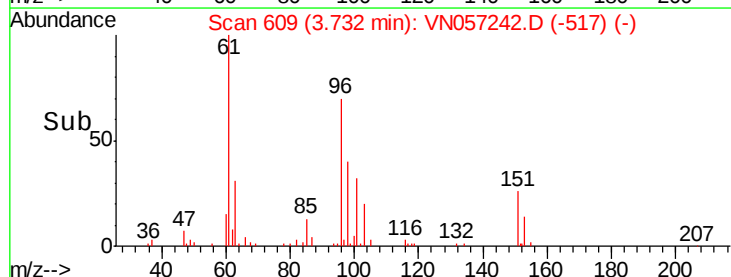
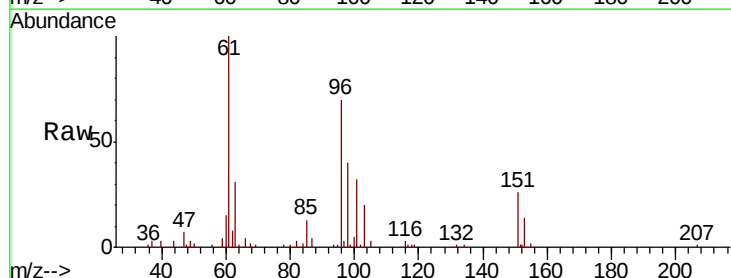
Tgt Ion: 59 Resp: 41231
 Ion Ratio Lower Upper
 59 100
 57 5.2 3.4 5.2#

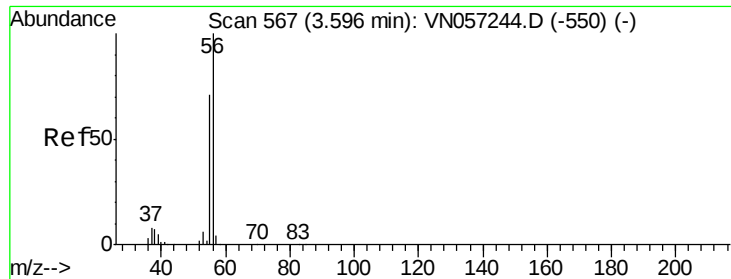


#12

1,1-Dichloroethene
 Concen: 4.889 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 96 Resp: 51307
 Ion Ratio Lower Upper
 96 100
 61 143.8 121.1 181.7
 98 57.9 52.0 78.0





#13

Acrolein

Concen: 34.287 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

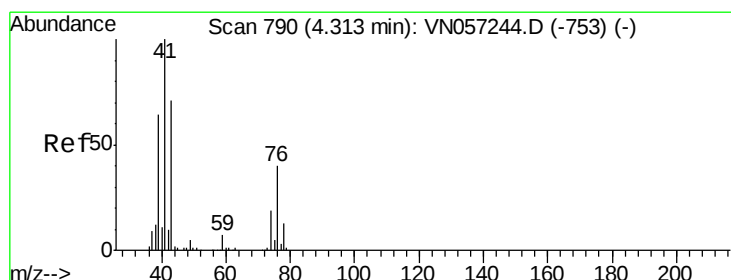
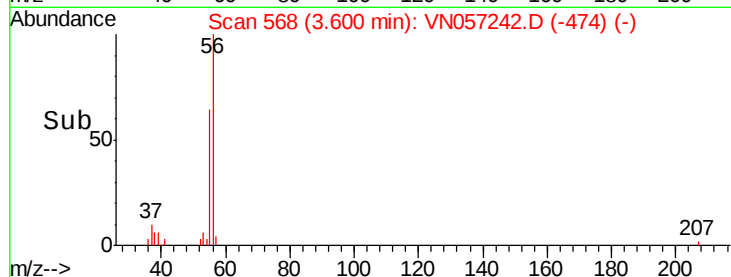
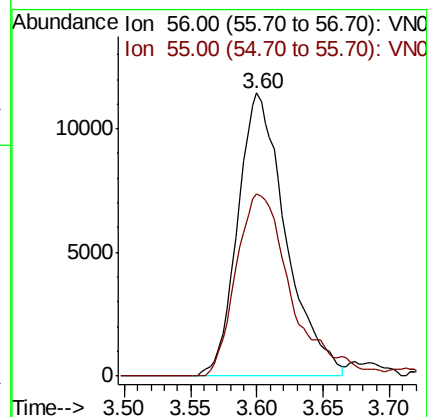
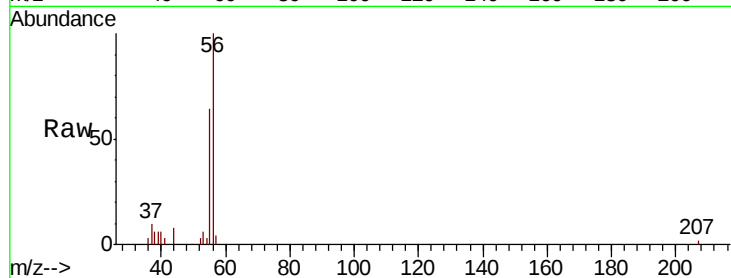
VSTDIC005

Tgt Ion: 56 Resp: 28874

Ion Ratio Lower Upper

56 100

55 73.3 56.6 84.8



#14

Allyl chloride

Concen: 4.149 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

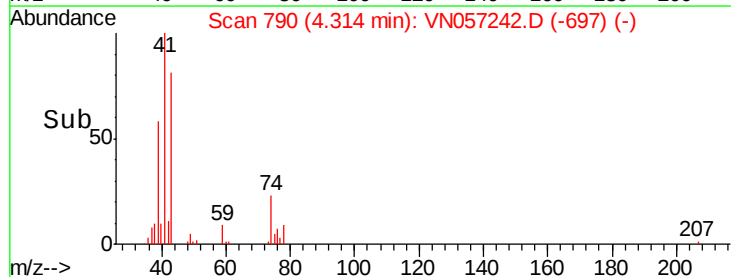
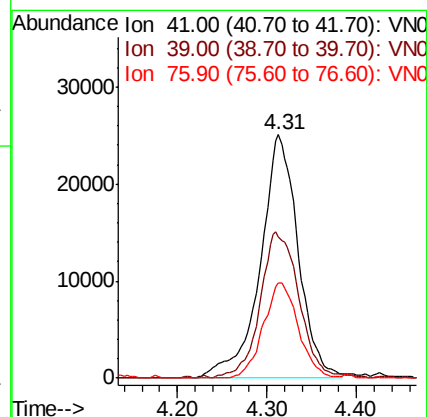
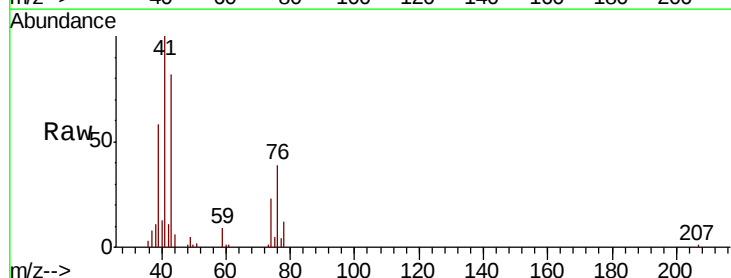
Tgt Ion: 41 Resp: 73868

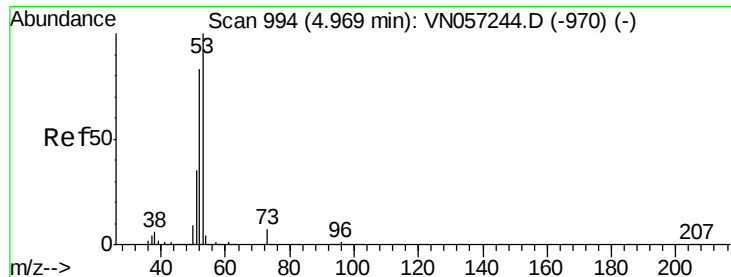
Ion Ratio Lower Upper

41 100

39 62.2 48.5 72.7

76 36.2 29.8 44.8





#15

Acrylonitrile

Concen: 19.171 ug/l

RT: 4.98 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

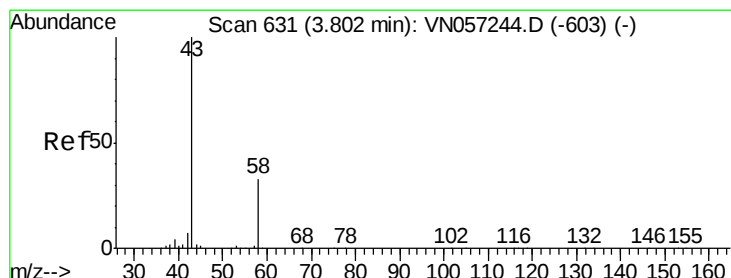
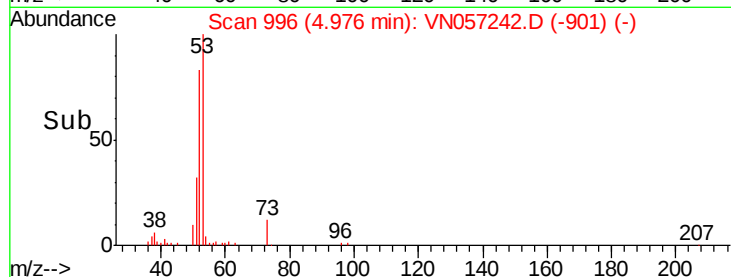
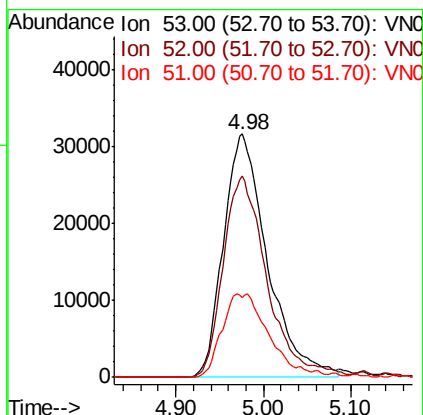
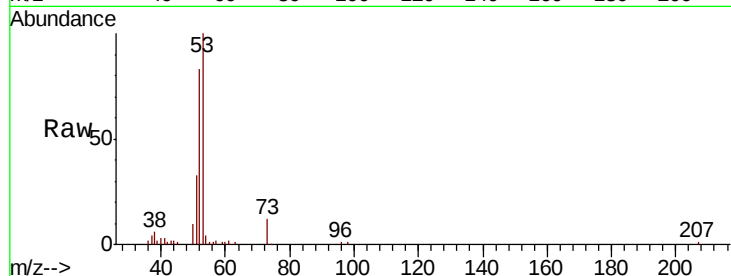
Tgt Ion: 53 Resp: 109895

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

51 16.2 27.8 41.6#



#16

Acetone

Concen: 17.493 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057242.D

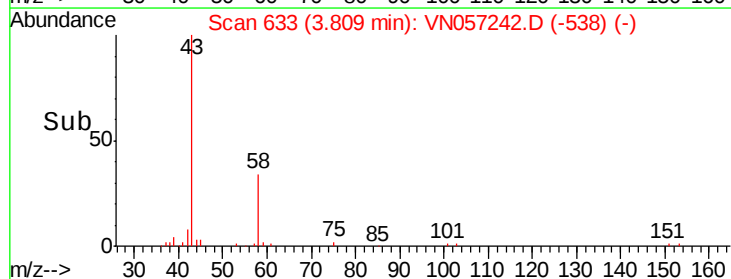
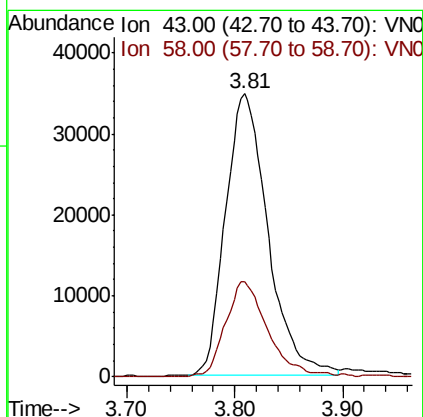
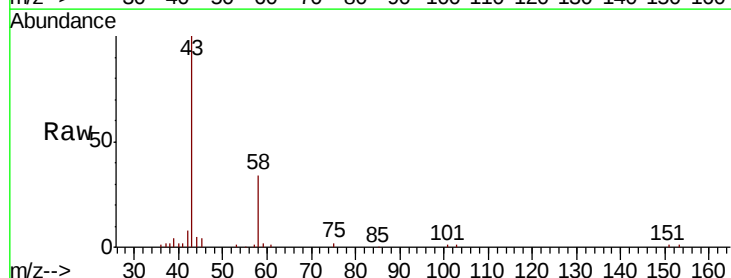
Acq: 13 Aug 2019 11:51

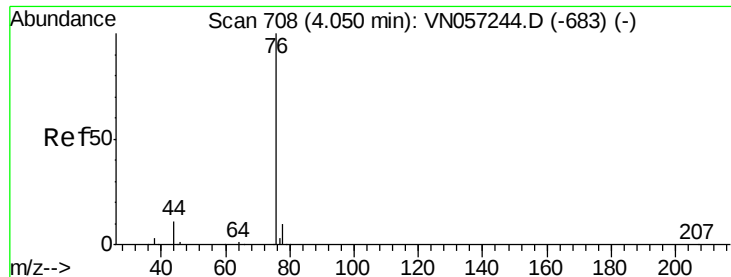
Tgt Ion: 43 Resp: 95748

Ion Ratio Lower Upper

43 100

58 34.0 26.7 40.1





#17

Carbon Disulfide

Concen: 4.601 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

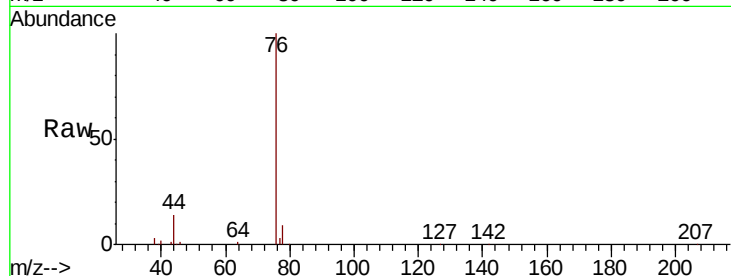
VSTDIC005

Tgt Ion: 76 Resp: 128331

Ion Ratio Lower Upper

76 100

78 8.7 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

50000

40000

30000

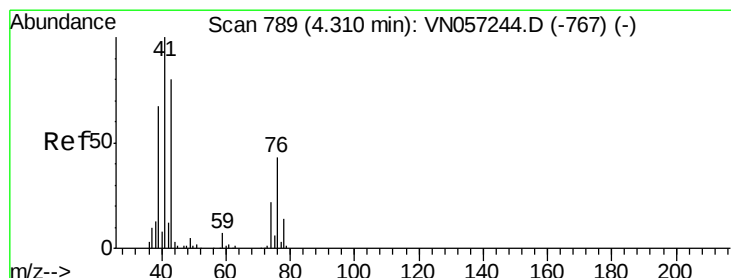
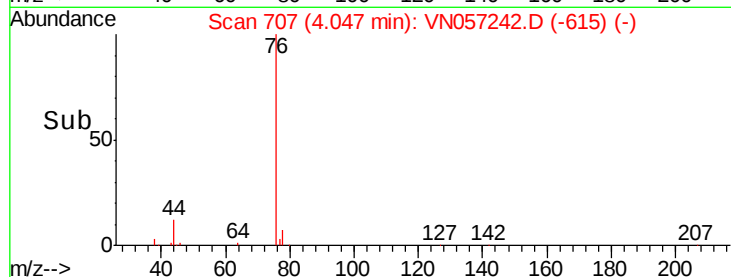
20000

10000

0

Time-->

4.00 4.10



#18

Methyl Acetate

Concen: 4.423 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057242.D

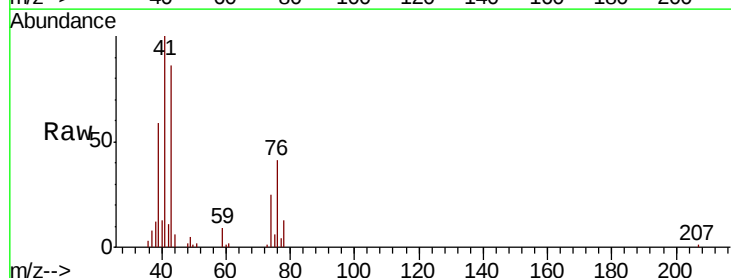
Acq: 13 Aug 2019 11:51

Tgt Ion: 43 Resp: 66270

Ion Ratio Lower Upper

43 100

74 26.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.32

20000

15000

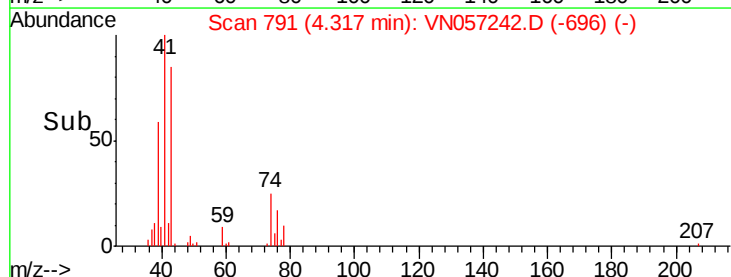
10000

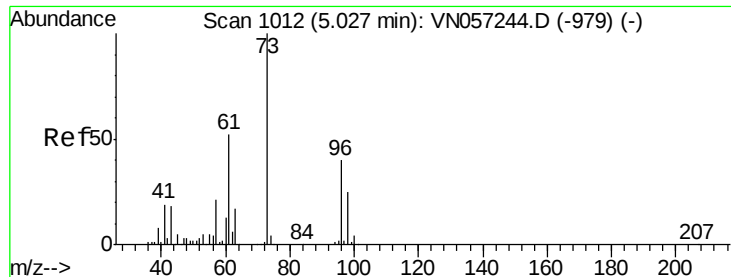
5000

0

Time-->

4.20 4.30 4.40

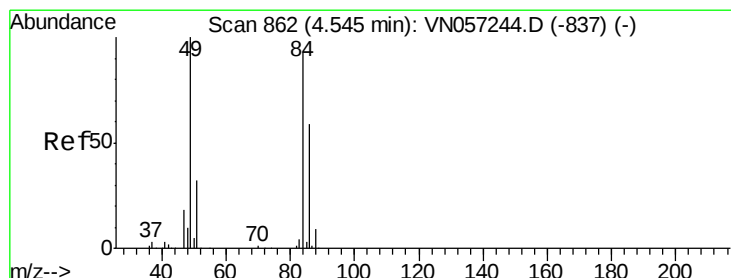
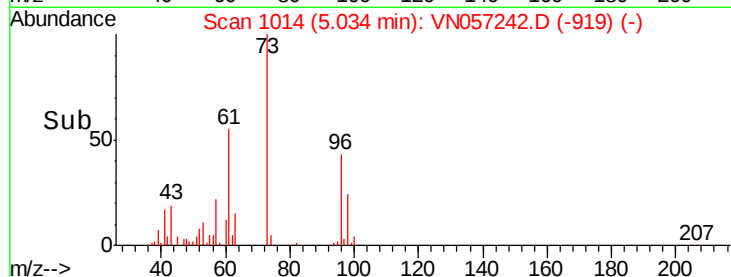
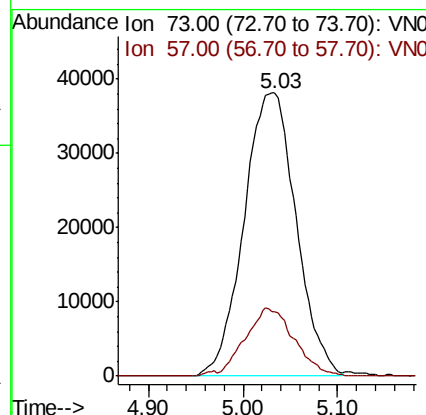
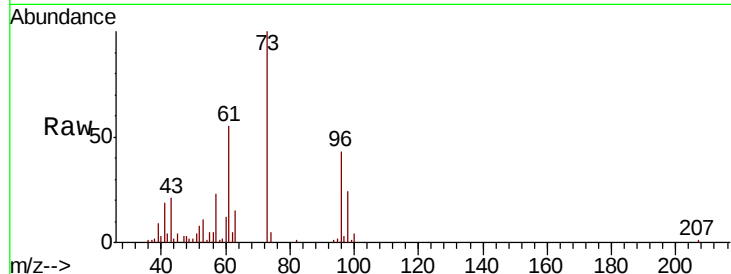




#19
Methyl tert-butyl Ether
Concen: 4.407 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

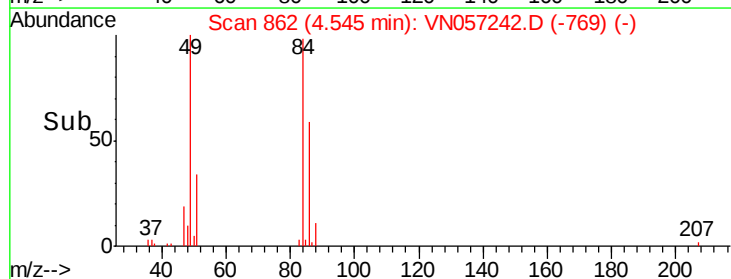
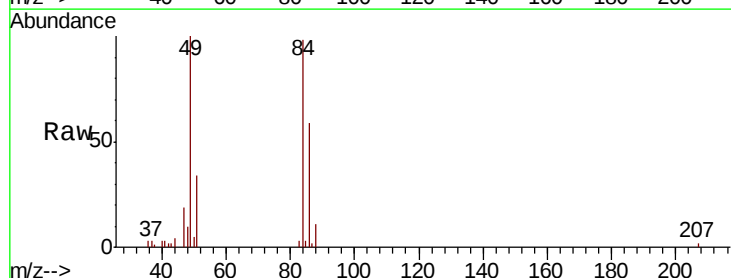
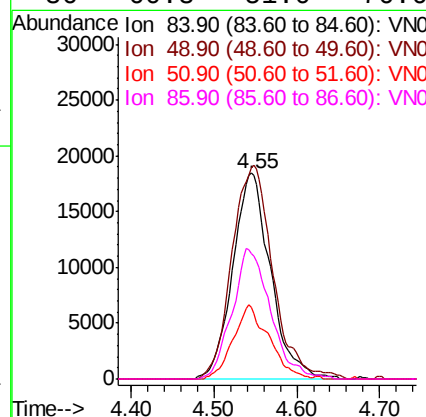
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

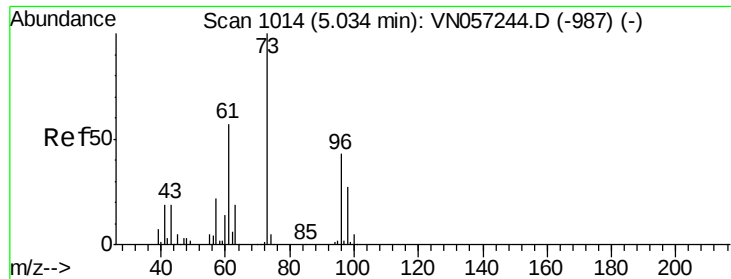
Tgt Ion: 73 Resp: 145920
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 4.726 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion: 84 Resp: 58478
Ion Ratio Lower Upper
84 100
49 102.6 85.9 128.9
51 35.1 27.1 40.7
86 60.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 4.804 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

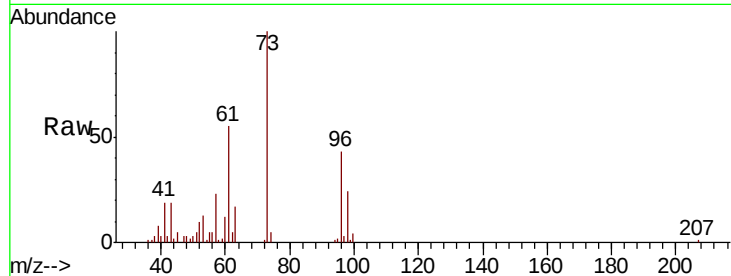
Tgt Ion: 96 Resp: 53184

Ion Ratio Lower Upper

96 100

61 126.6 104.6 156.8

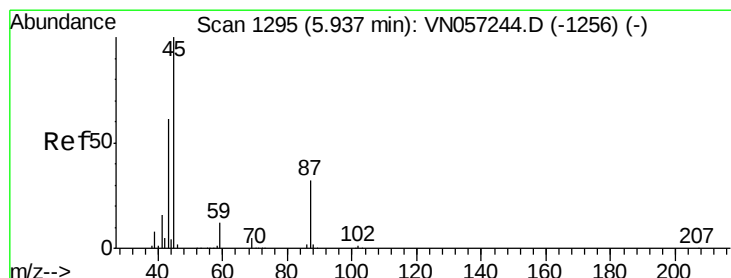
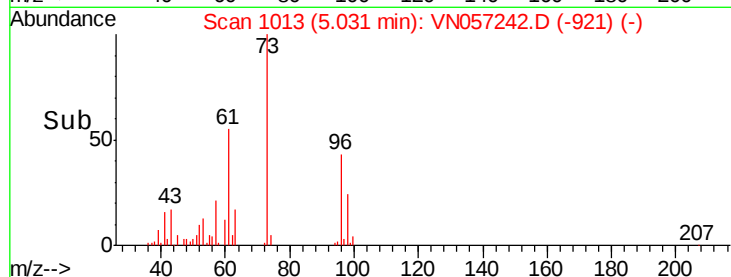
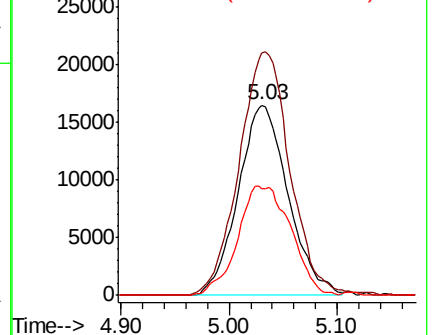
98 56.4 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VN057242.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN057242.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN057242.D (-987) (-)



#22

Diisopropyl ether

Concen: 4.306 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Tgt Ion: 45 Resp: 150413

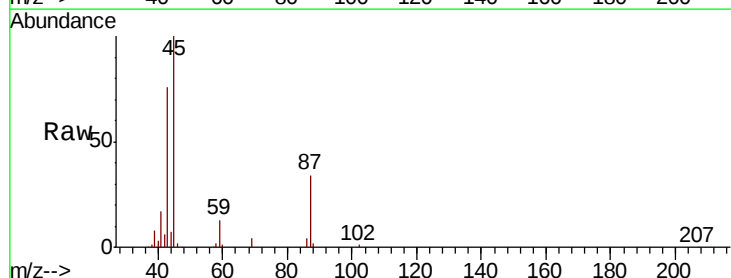
Ion Ratio Lower Upper

45 100

43 72.5 48.9 73.3

87 33.6 25.5 38.3

59 13.1 9.7 14.5

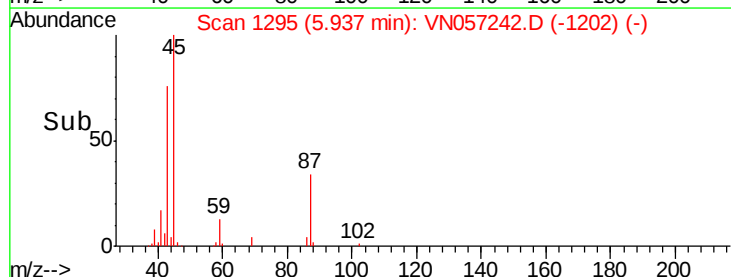
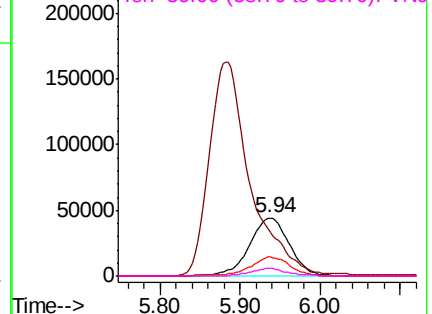


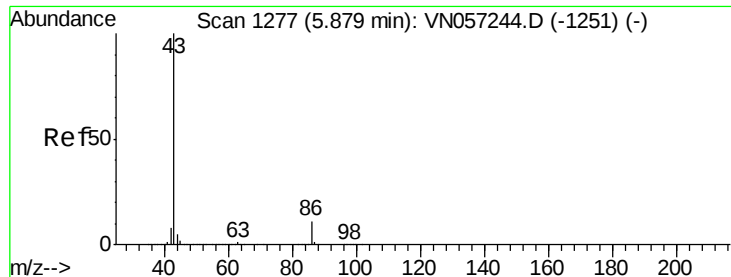
Abundance Ion 45.00 (44.70 to 45.70): VN057242.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN057242.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN057242.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN057242.D (-1202) (-)

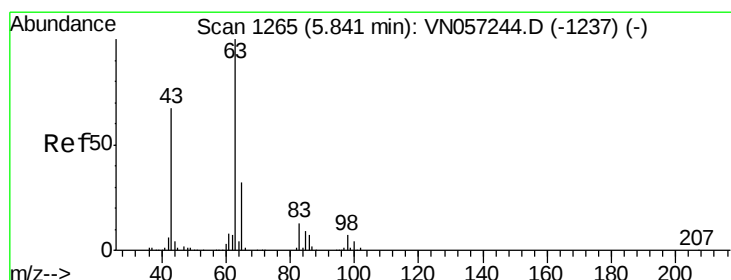
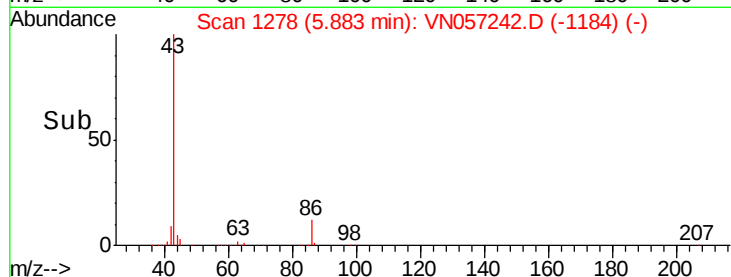
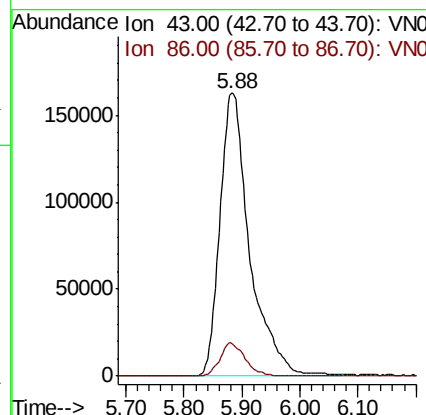
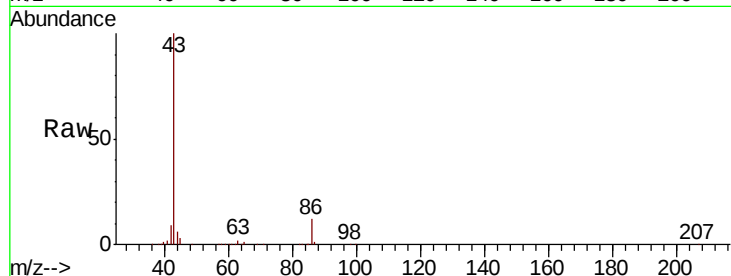




#23
 Vinyl Acetate
 Concen: 20.682 ug/l
 RT: 5.88 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

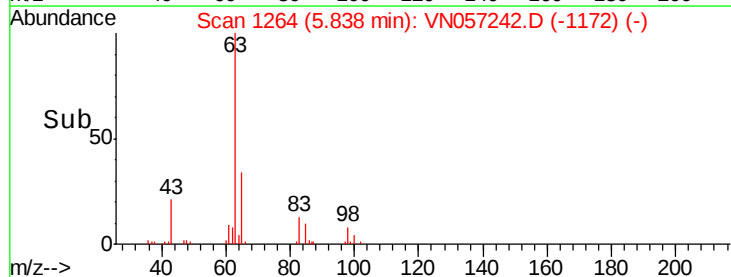
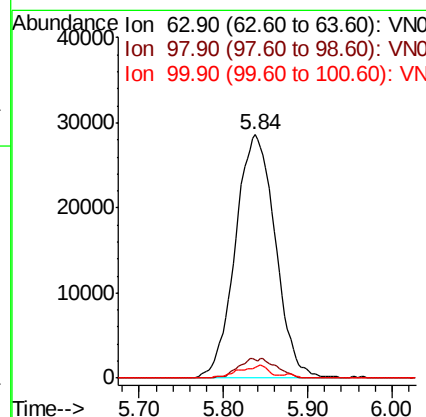
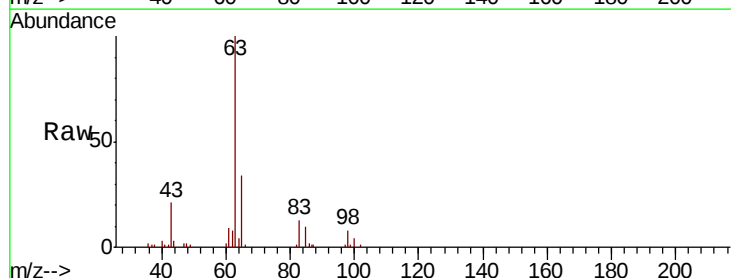
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

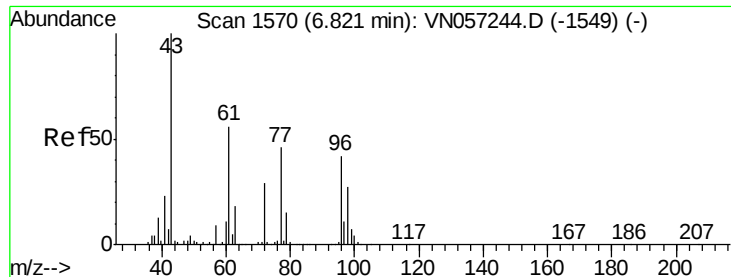
Tgt Ion: 43 Resp: 583097
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 4.571 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 63 Resp: 94035
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.4 2.1 6.2

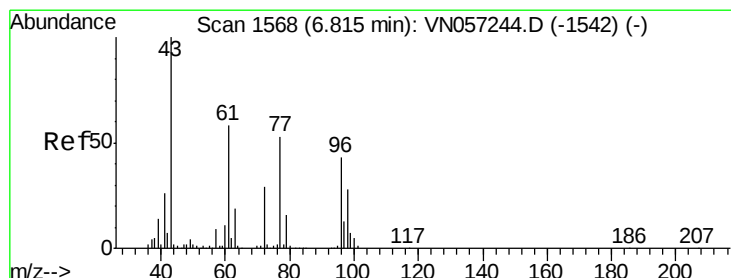
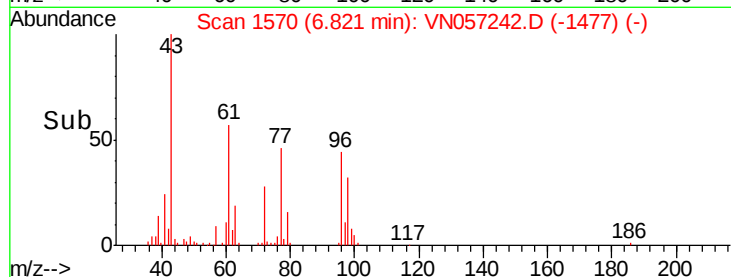
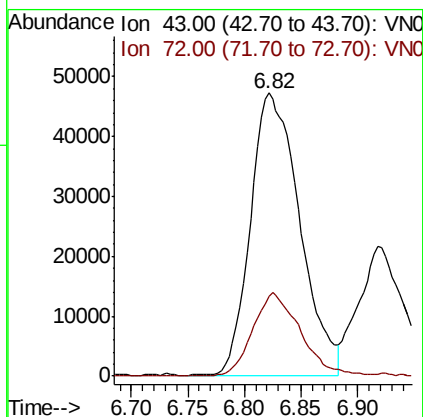
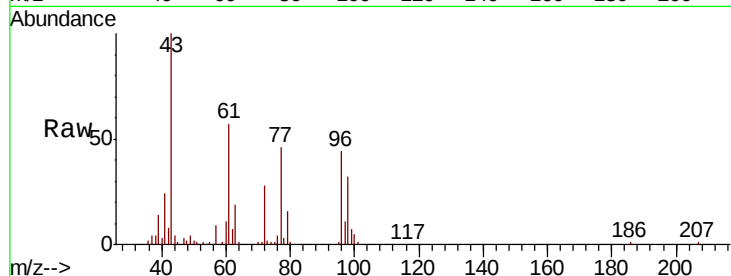




#25
 2-Butanone
 Concen: 18.041 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

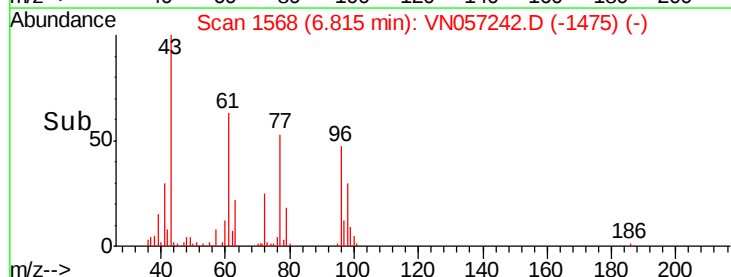
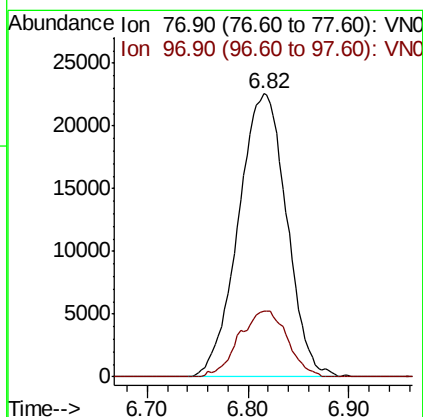
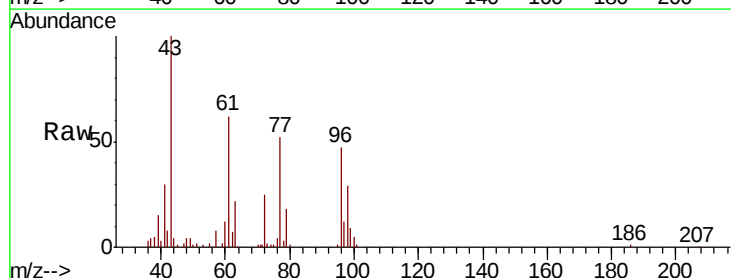
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

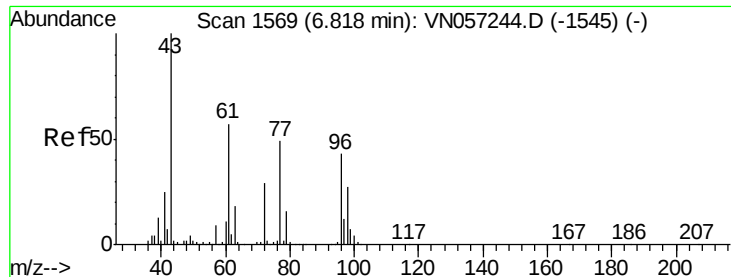
Tgt Ion: 43 Resp: 143368
 Ion Ratio Lower Upper
 43 100
 72 28.0 23.1 34.7



#26
 2,2-Dichloropropane
 Concen: 4.938 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 77 Resp: 74946
 Ion Ratio Lower Upper
 77 100
 97 23.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 4.882 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

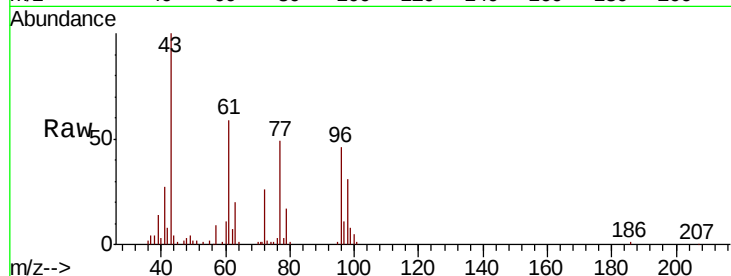
Tgt Ion: 96 Resp: 62235

Ion Ratio Lower Upper

96 100

61 132.5 0.0 271.0

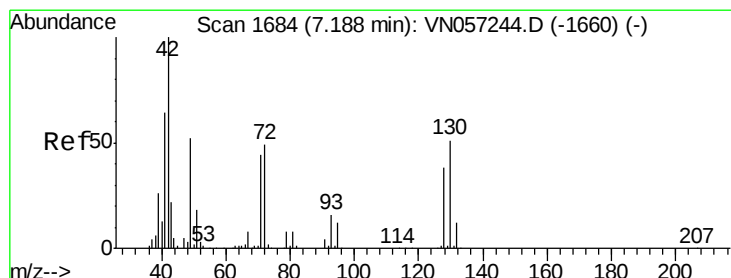
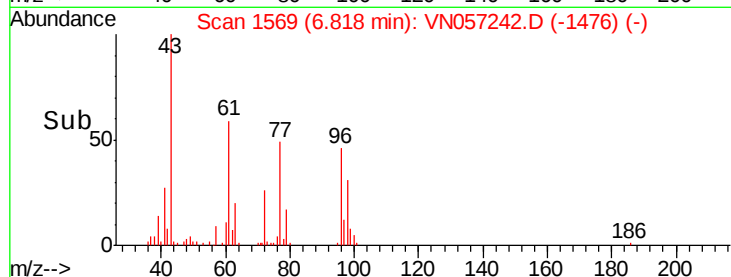
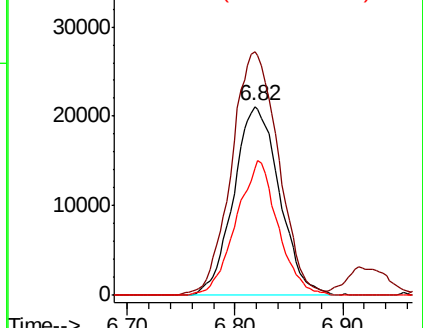
98 65.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 4.551 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

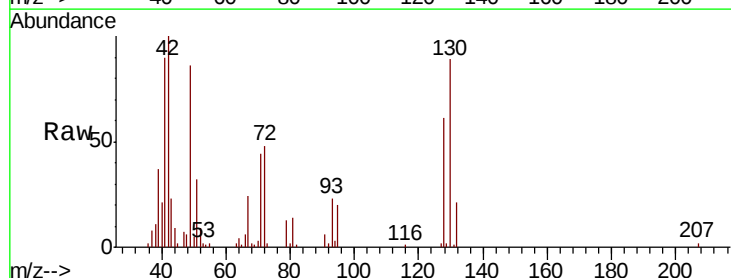
Tgt Ion: 49 Resp: 43223

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.0

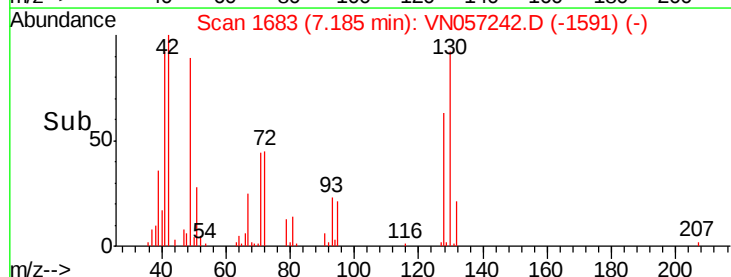
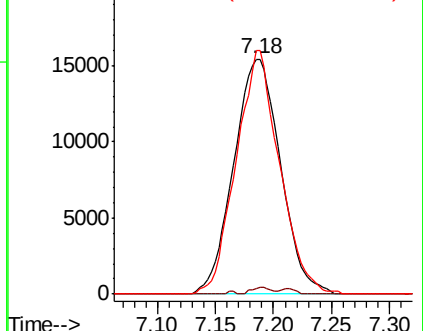
130 96.0 75.6 113.4

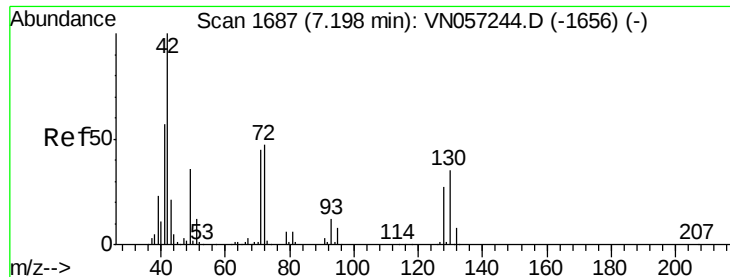


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

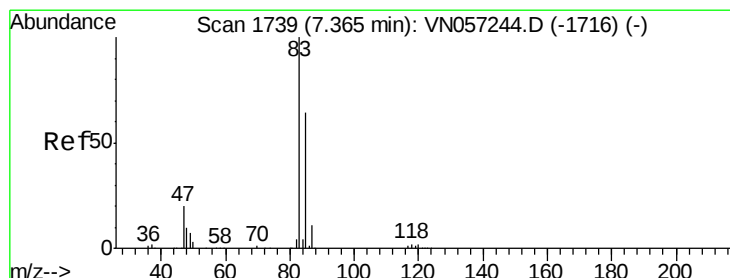
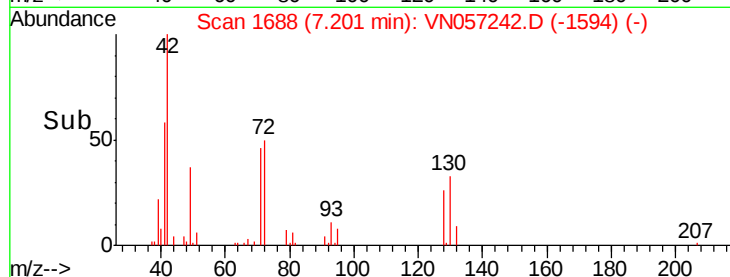
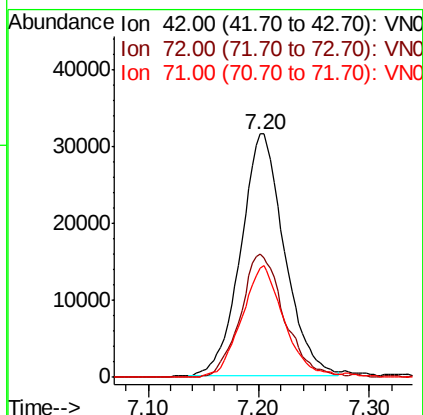
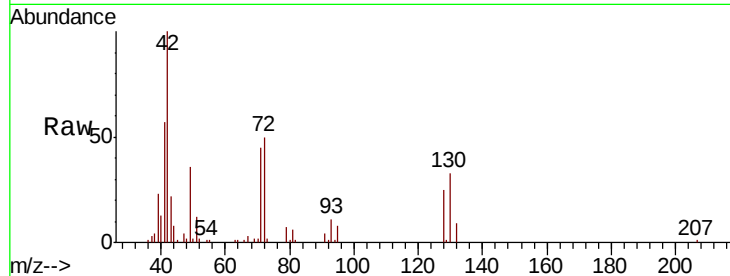




#29
Tetrahydrofuran
Concen: 16.714 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

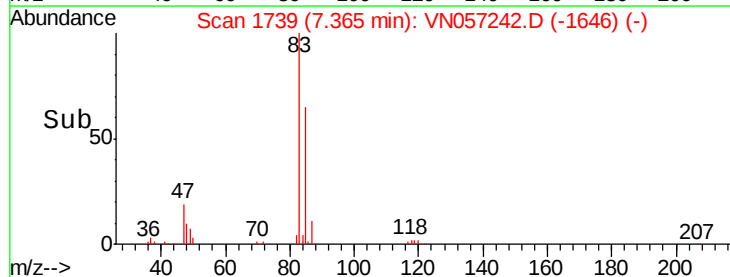
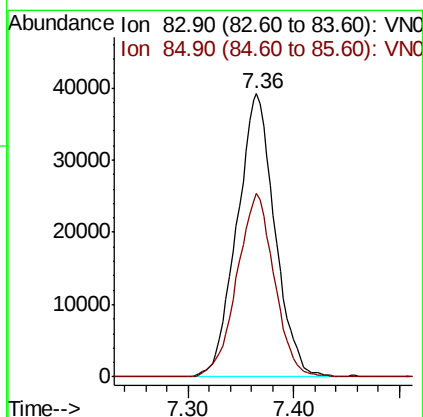
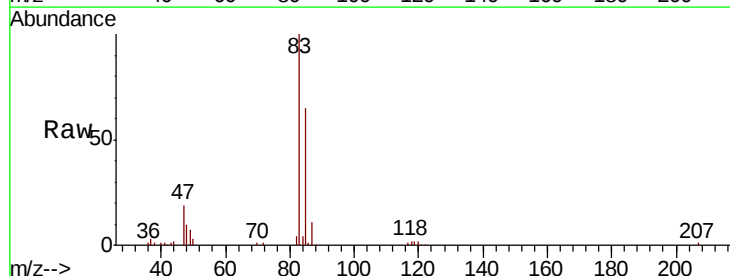
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

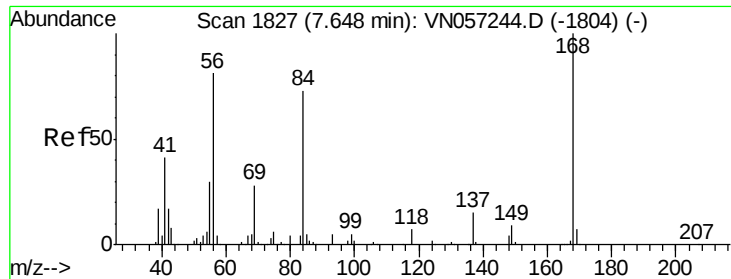
Tgt Ion: 42 Resp: 86255
Ion Ratio Lower Upper
42 100
72 51.1 37.6 56.4
71 44.9 35.6 53.4



#30
Chloroform
Concen: 4.713 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion: 83 Resp: 97743
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9

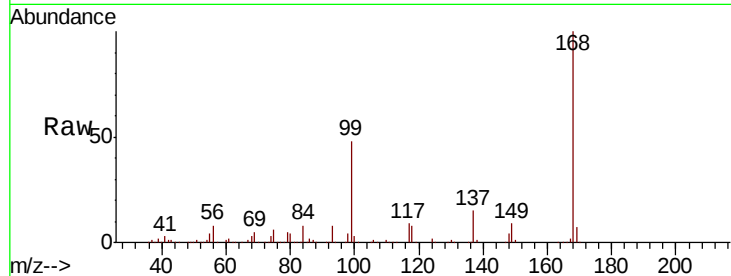




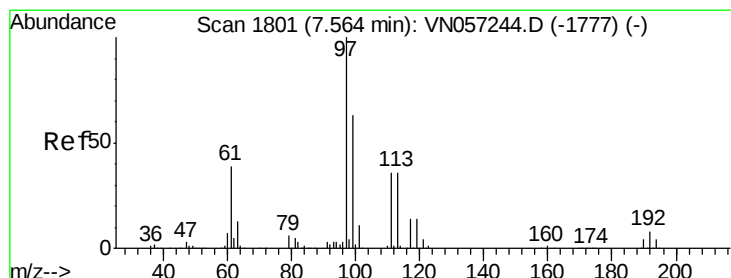
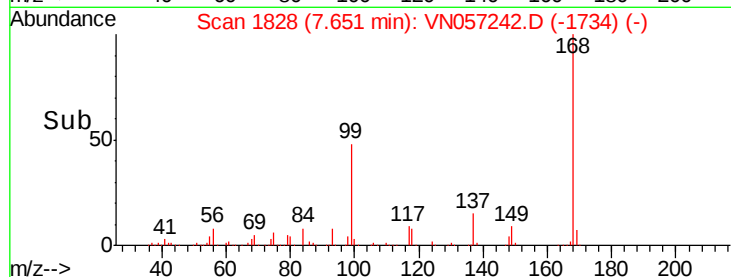
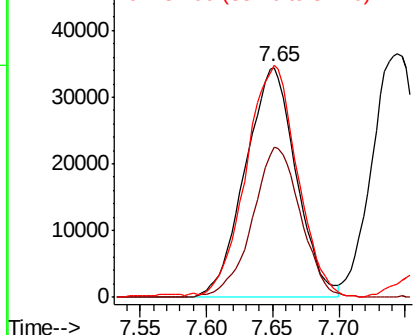
#31
Cyclohexane
Concen: 4.805 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 92135
Ion Ratio Lower Upper
56 100
69 65.1 27.8 41.8#
84 99.3 72.0 108.0

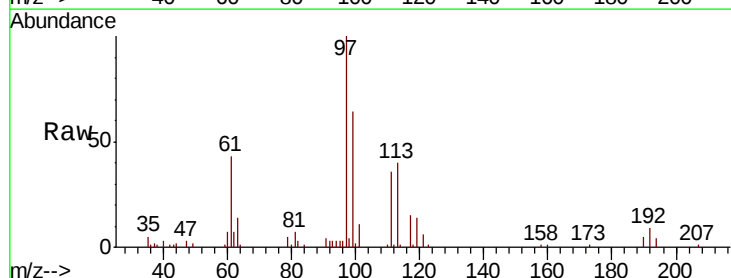


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

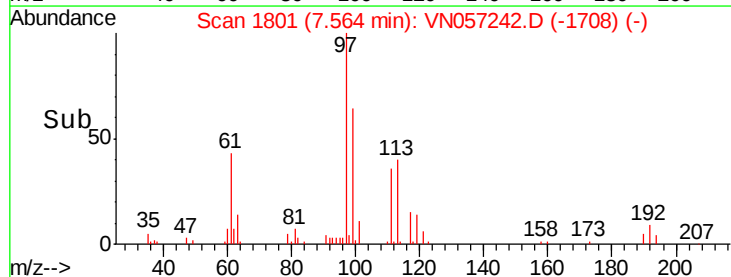
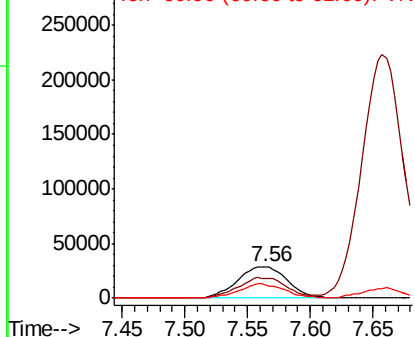


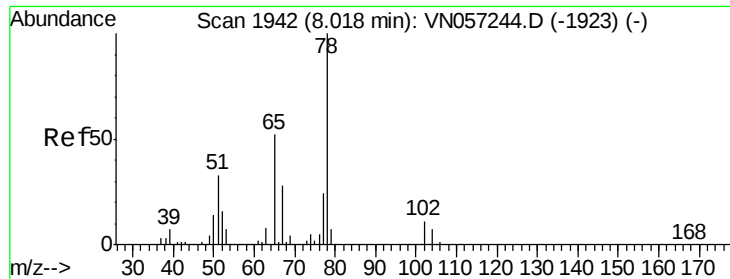
#32
1,1,1-Trichloroethane
Concen: 4.827 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion: 97 Resp: 80024
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 41.9 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

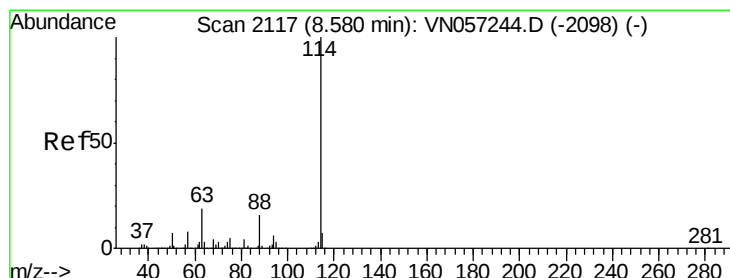
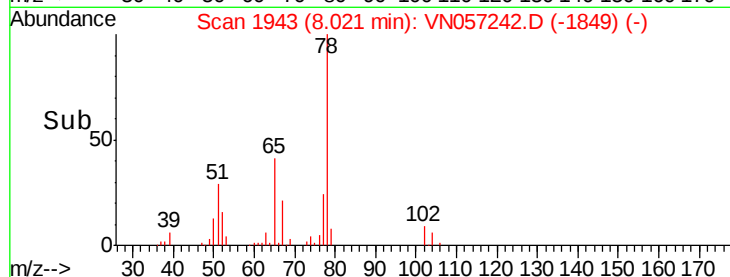
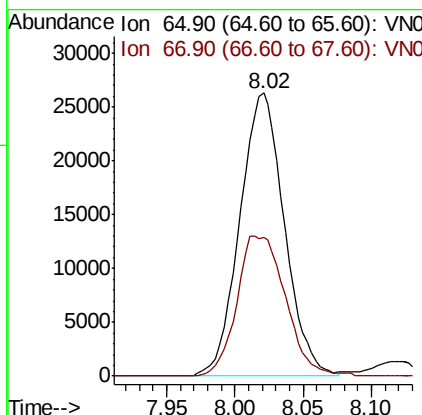
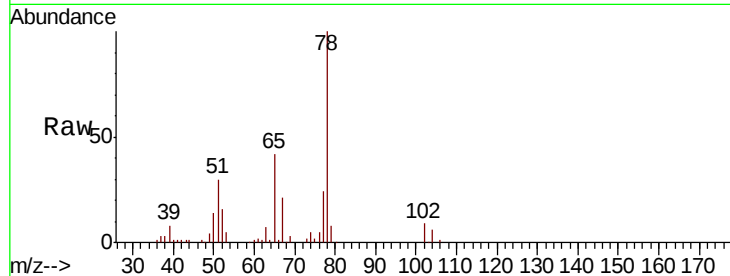




#33
 1,2-Dichloroethane-d4
 Concen: 4.828 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

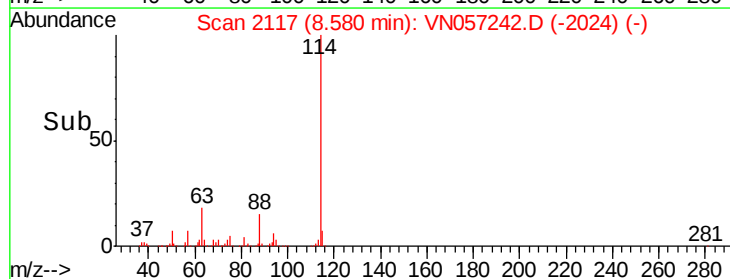
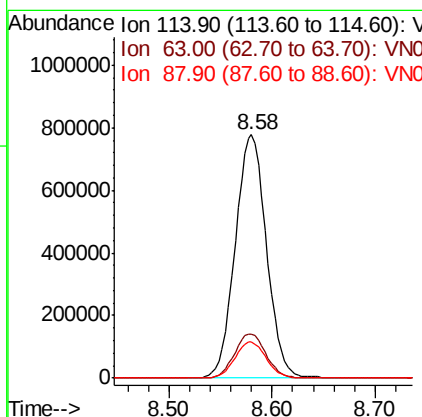
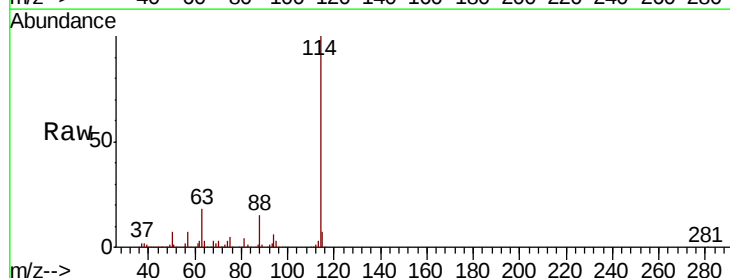
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

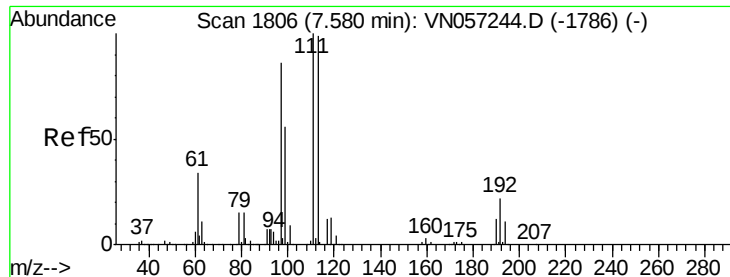
Tgt Ion: 65 Resp: 59571
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 114 Resp: 1636688
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.0
 88 14.7 0.0 31.0

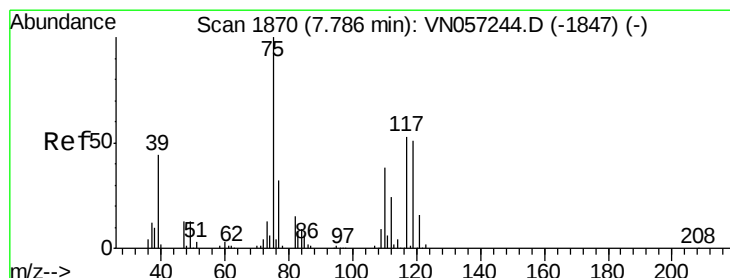
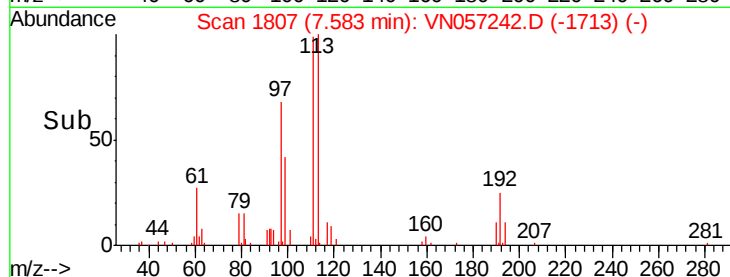
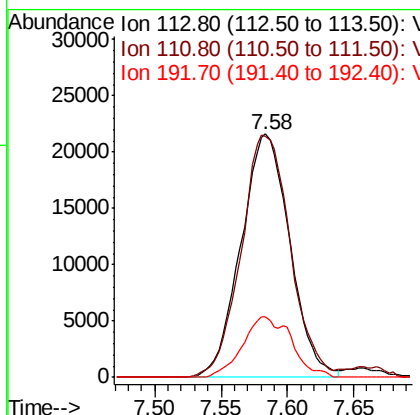
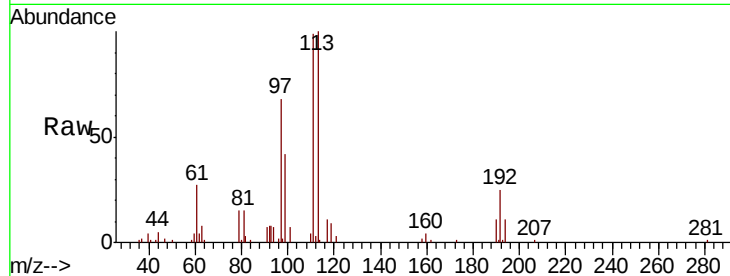




#35
 Dibromofluoromethane
 Concen: 5.384 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

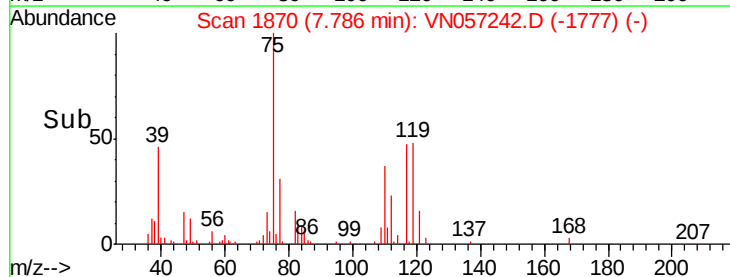
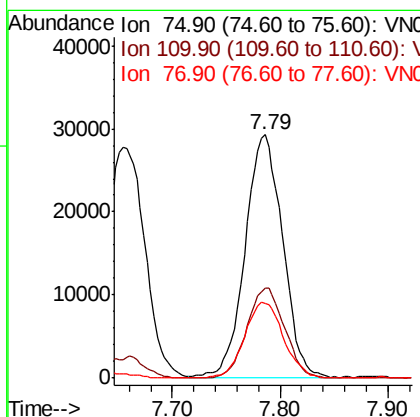
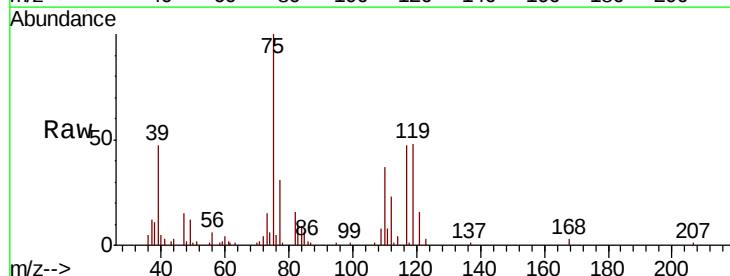
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

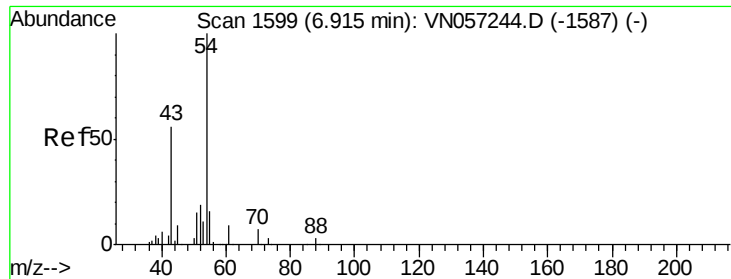
Tgt Ion: 113 Resp: 55508
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.4 122.2
 192 24.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.705 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 75 Resp: 71068
 Ion Ratio Lower Upper
 75 100
 110 37.0 19.1 57.1
 77 32.1 25.2 37.8

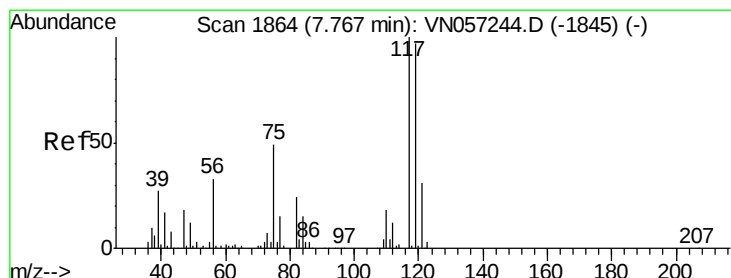
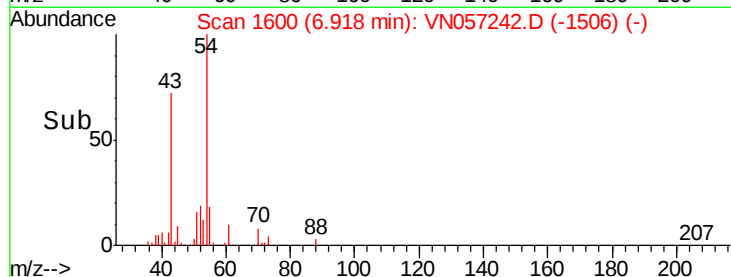
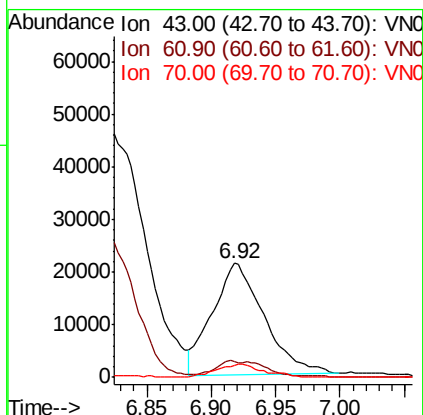
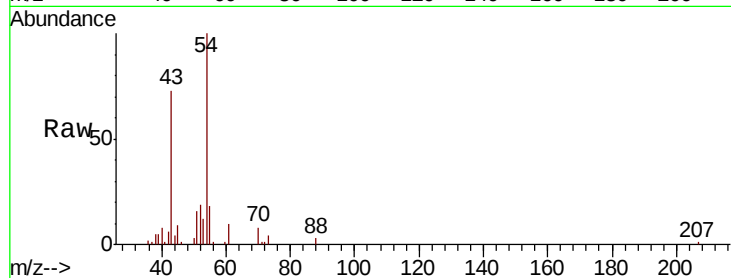




#37
Ethyl Acetate
Concen: 4.123 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

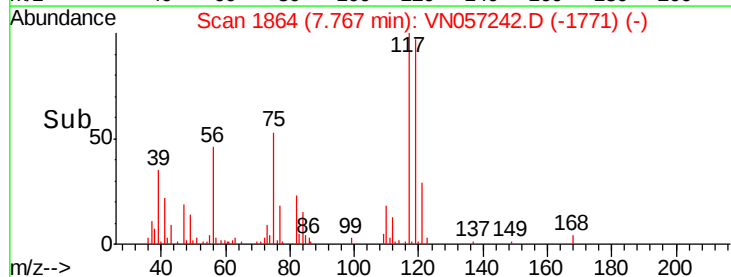
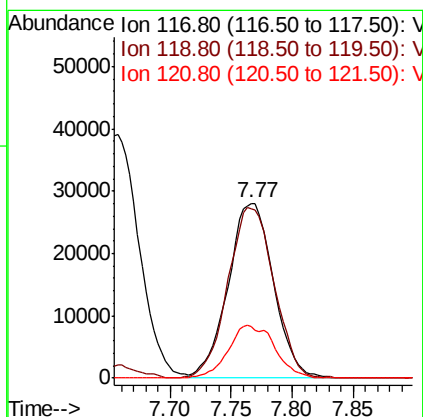
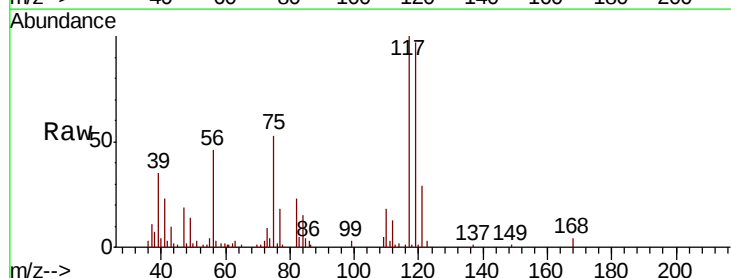
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

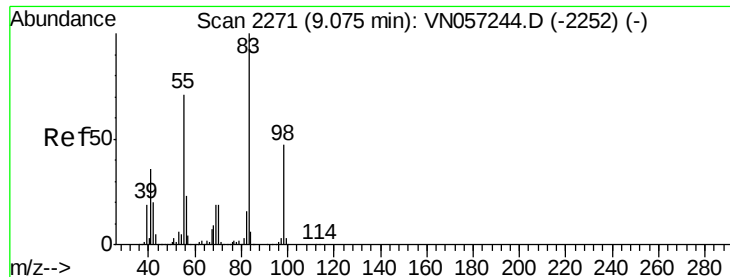
Tgt Ion: 43 Resp: 58864
Ion Ratio Lower Upper
43 100
61 13.4 12.7 19.1
70 9.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion: 117 Resp: 72627
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6
121 29.3 24.9 37.3

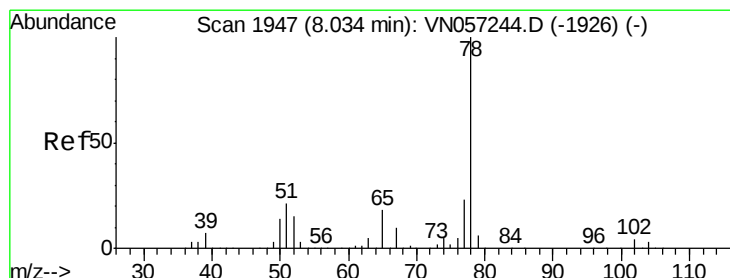
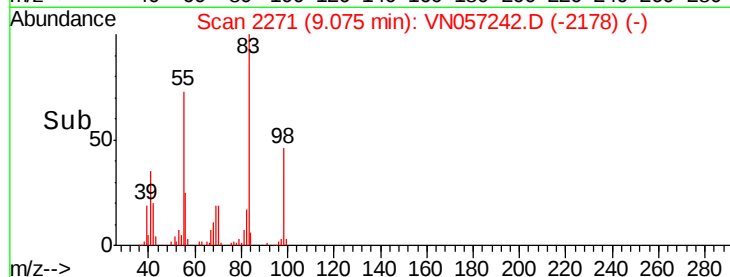
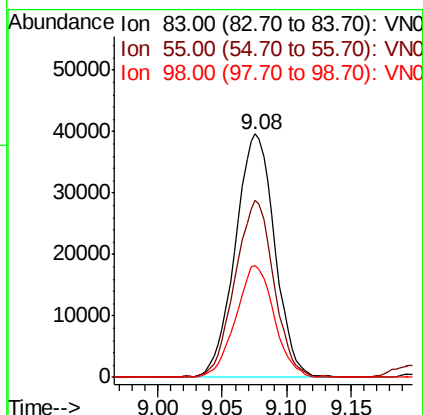
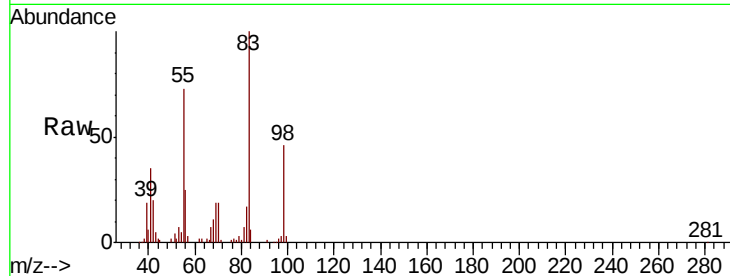




#39
Methylcyclohexane
Concen: 4.550 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

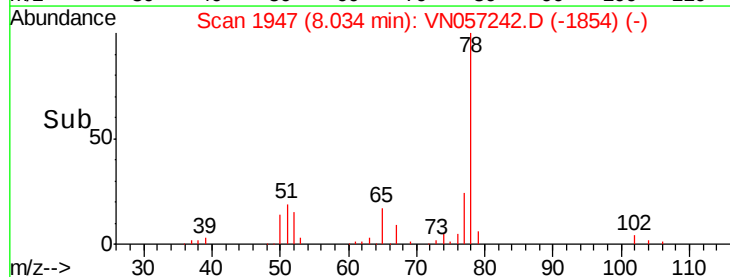
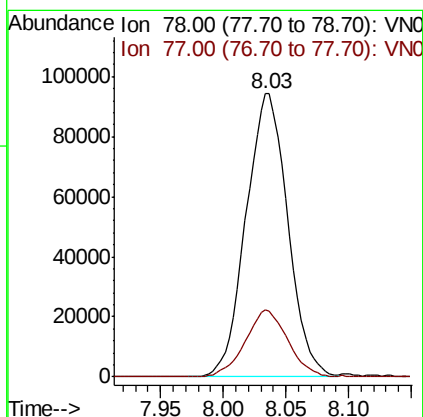
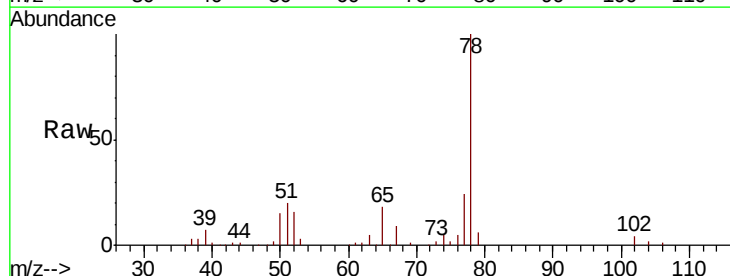
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

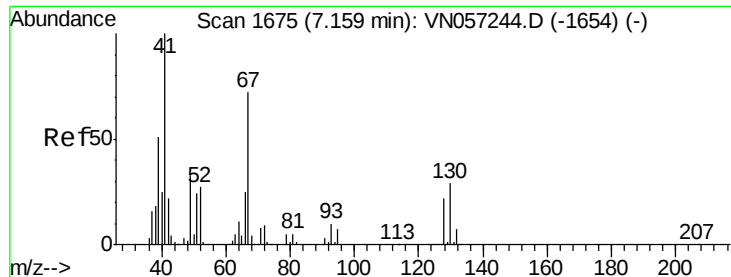
Tgt Ion: 83 Resp: 84281
Ion Ratio Lower Upper
83 100
55 72.5 57.0 85.4
98 46.0 37.2 55.8



#40
Benzene
Concen: 4.748 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion: 78 Resp: 218750
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.4

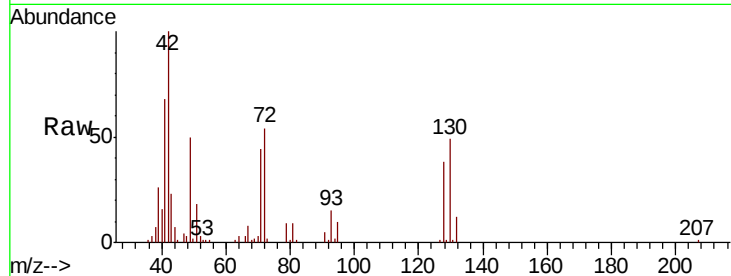




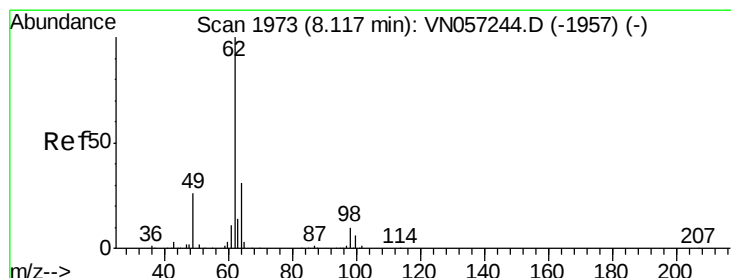
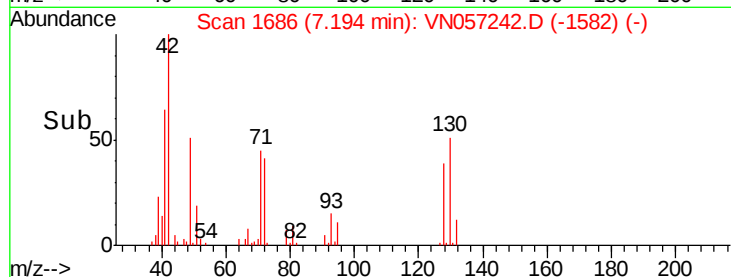
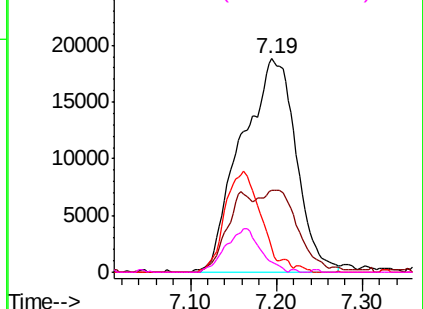
#41
Methacrylonitrile
Concen: 13.429 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	83342
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

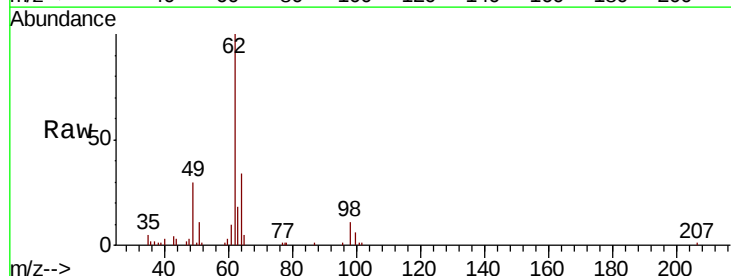


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

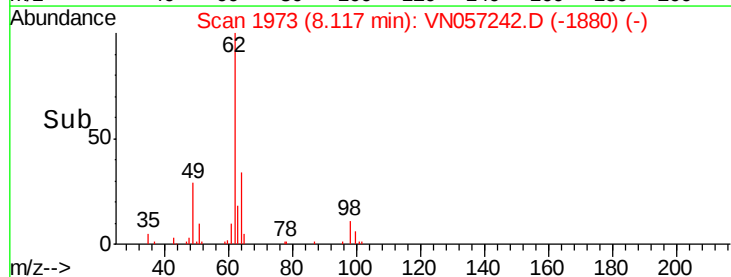
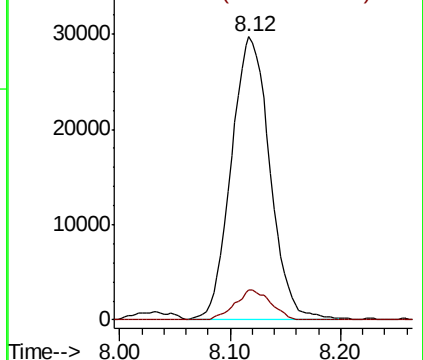


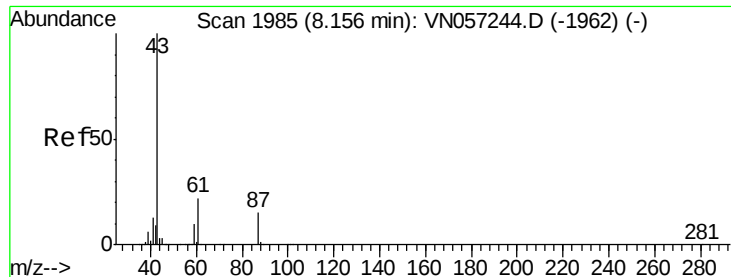
#42
1,2-Dichloroethane
Concen: 4.939 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion:	62	Resp:	72253
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.506 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

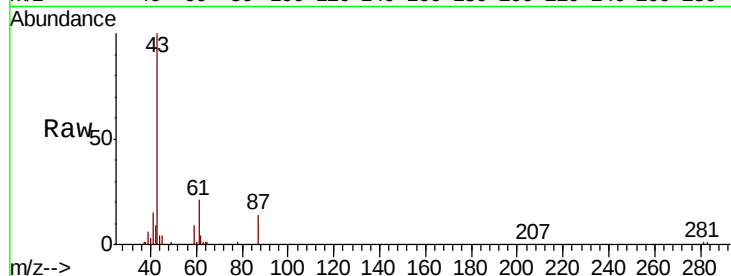
Tgt Ion: 43 Resp: 102610

Ion Ratio Lower Upper

43 100

61 27.0 23.5 35.3

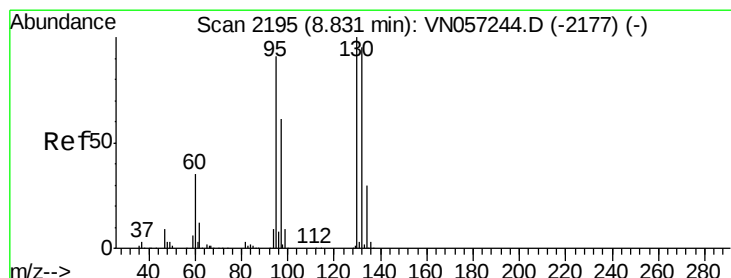
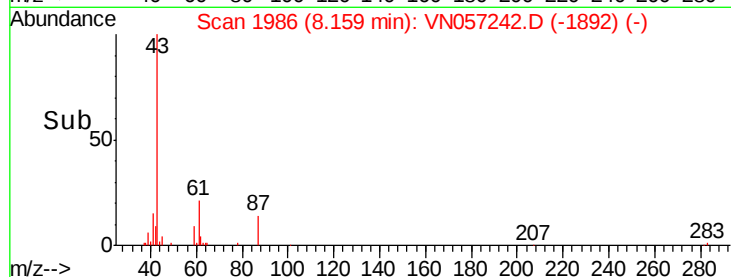
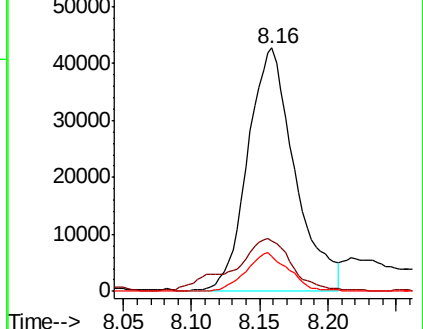
87 14.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057244.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057244.D (-1962) (-)



#44

Trichloroethene

Concen: 5.111 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VN057242.D

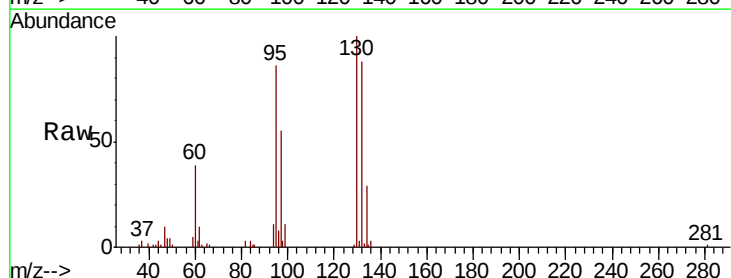
Acq: 13 Aug 2019 11:51

Tgt Ion: 130 Resp: 64740

Ion Ratio Lower Upper

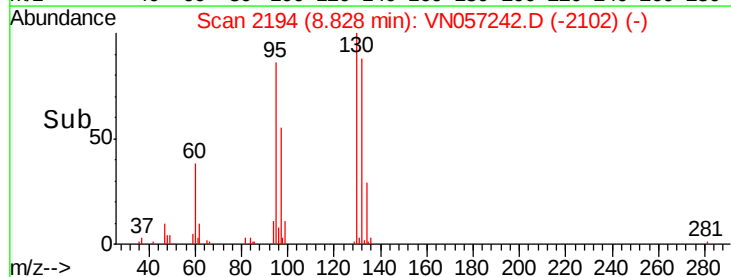
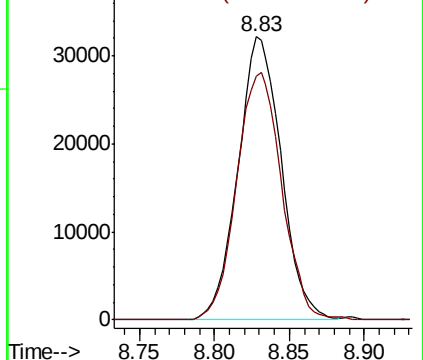
130 100

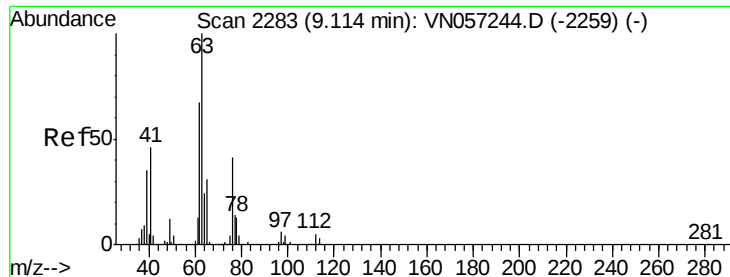
95 86.1 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN057244.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057244.D (-2177) (-)

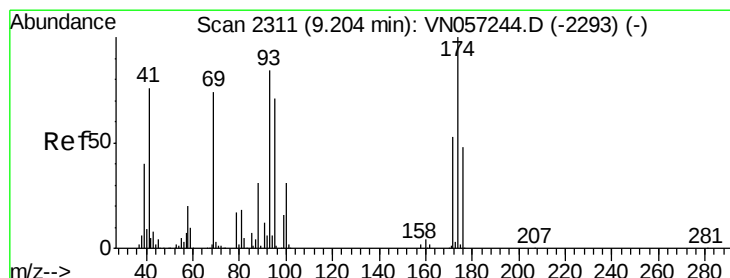
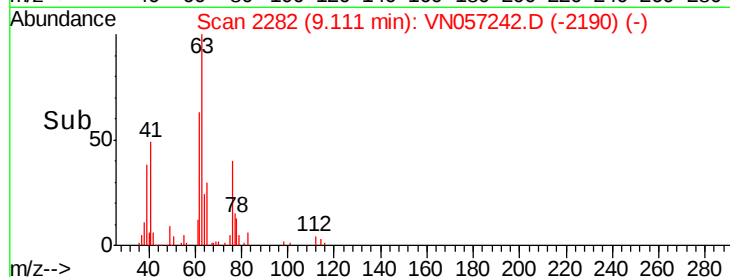
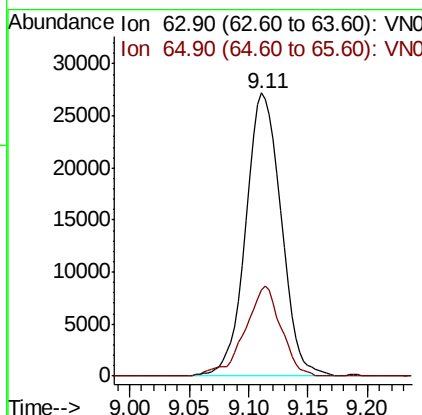
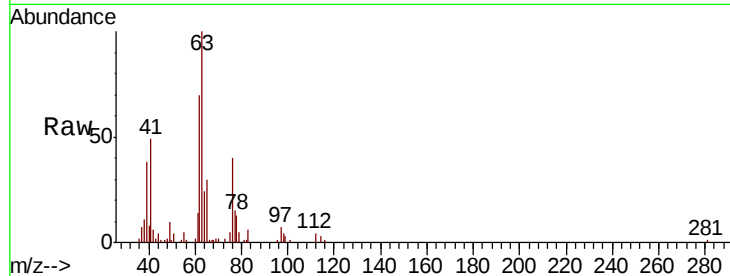




#45
 1,2-Dichloropropane
 Concen: 4.635 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

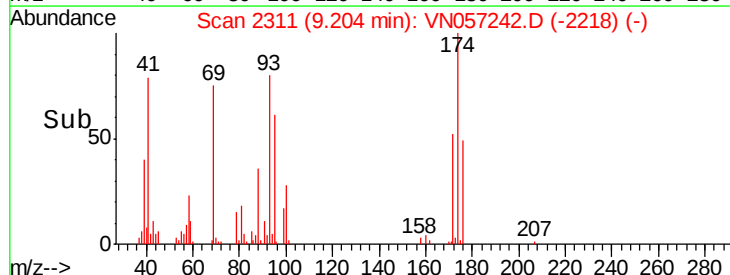
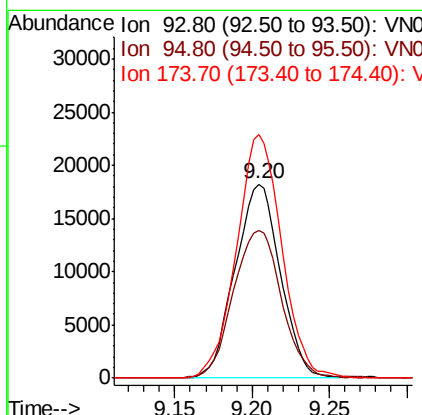
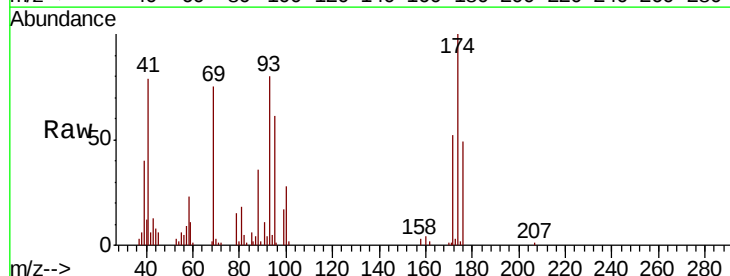
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

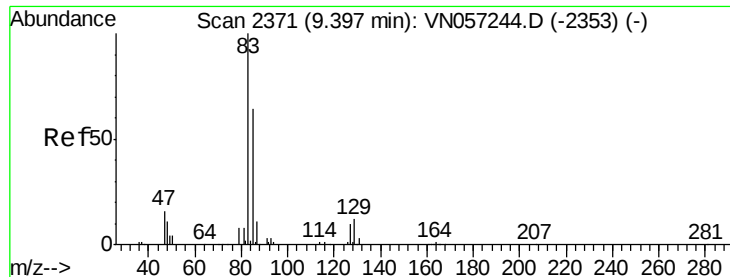
Tgt Ion: 63 Resp: 56241
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 4.869 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 93 Resp: 37041
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.0 100.4
 174 125.6 96.2 144.2





#47

Bromodichloromethane

Concen: 4.762 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

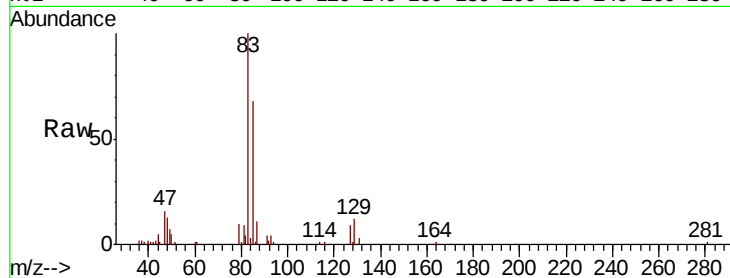
Tgt Ion: 83 Resp: 69352

Ion Ratio Lower Upper

83 100

85 68.5 51.4 77.0

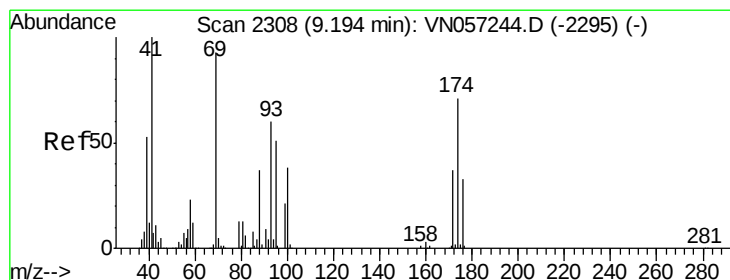
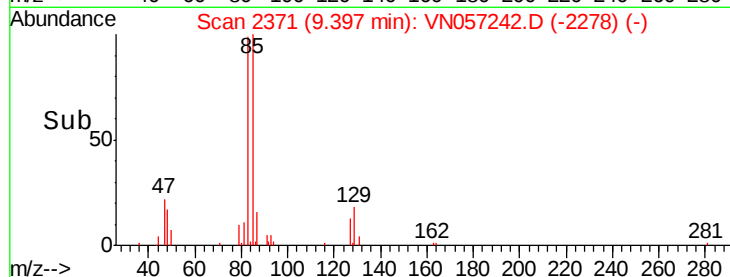
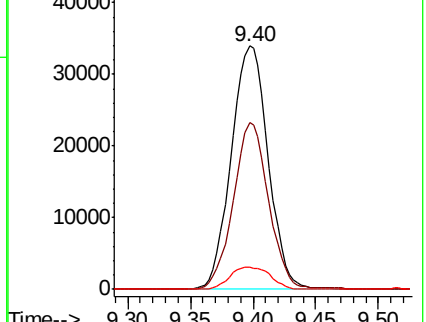
127 8.9 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VN057242.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN057242.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN057242.D (-2353) (-)



#48

Methyl methacrylate

Concen: 3.941 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

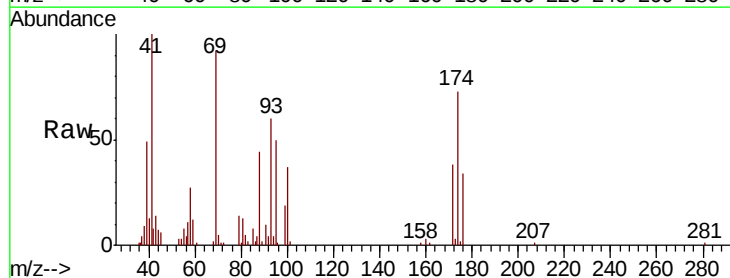
Tgt Ion: 41 Resp: 43131

Ion Ratio Lower Upper

41 100

69 98.2 75.7 113.5

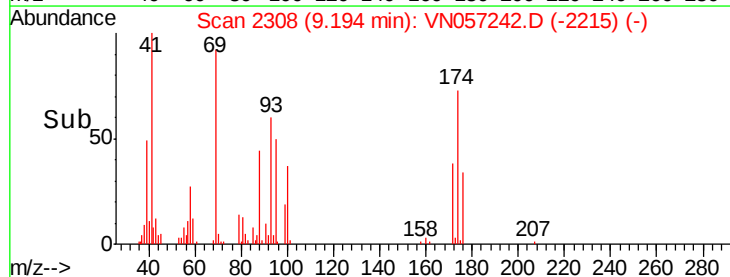
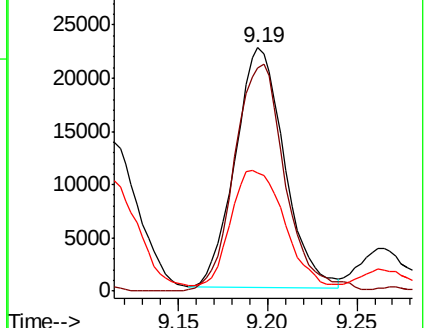
39 55.8 43.3 64.9

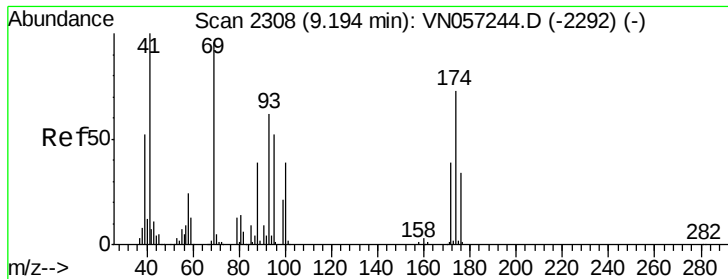


Abundance Ion 41.00 (40.70 to 41.70): VN057242.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057242.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057242.D (-2295) (-)

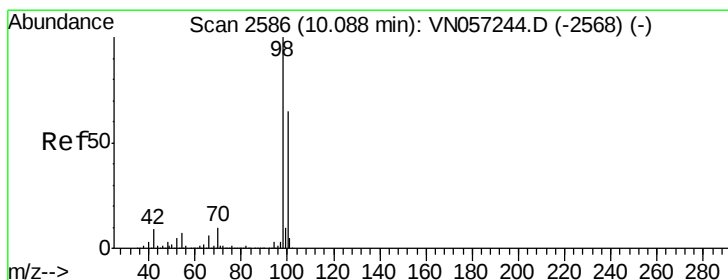
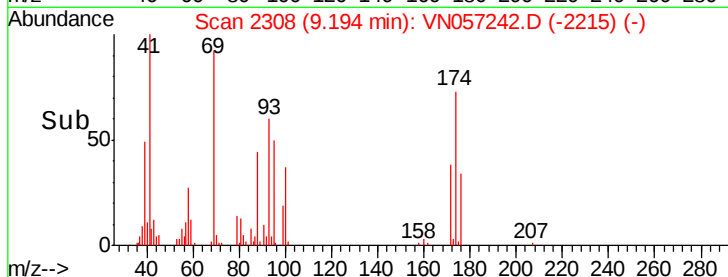
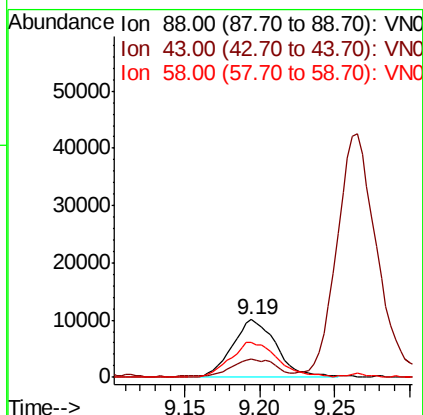
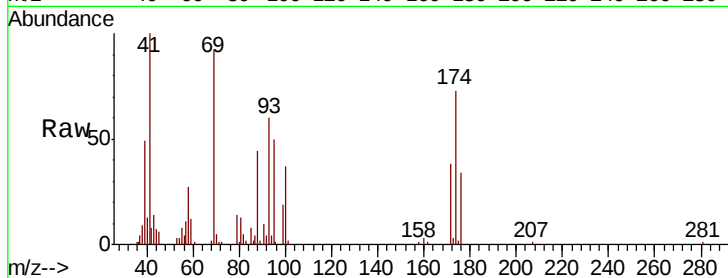




#49
 1,4-Dioxane
 Concen: 90.355 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

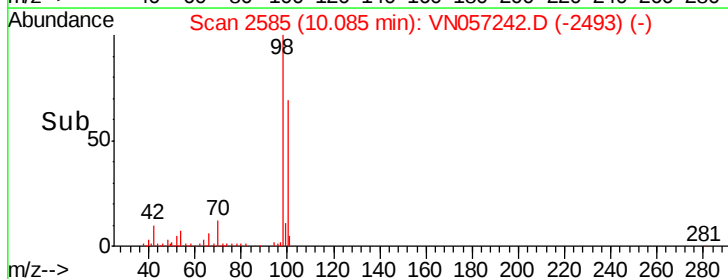
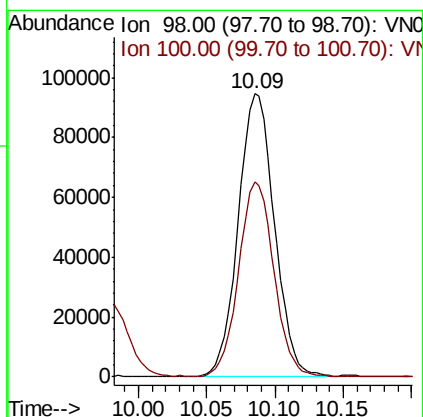
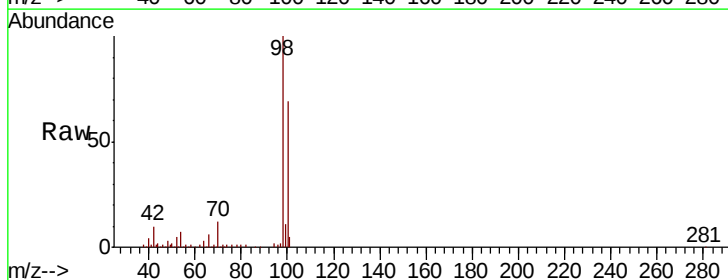
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

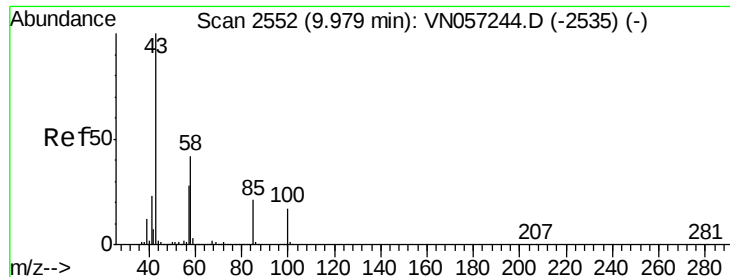
Tgt Ion: 88 Resp: 20612
 Ion Ratio Lower Upper
 88 100
 43 26.4 20.7 31.1
 58 65.4 52.0 78.0



#50
 Toluene-d8
 Concen: 4.419 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 98 Resp: 175169
 Ion Ratio Lower Upper
 98 100
 100 67.2 51.8 77.6

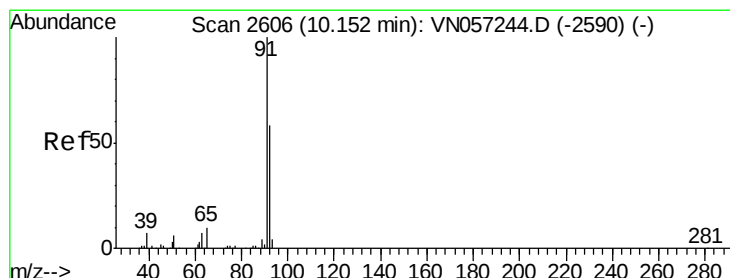
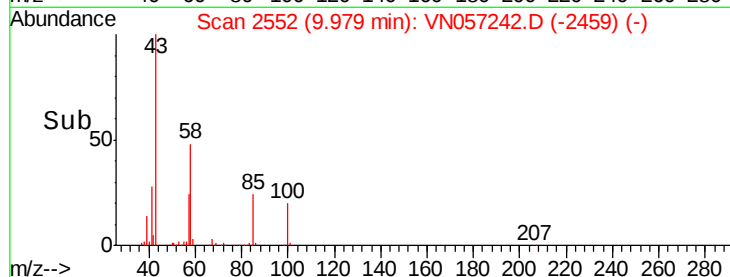
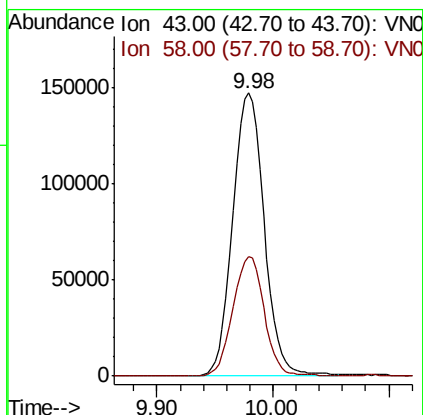
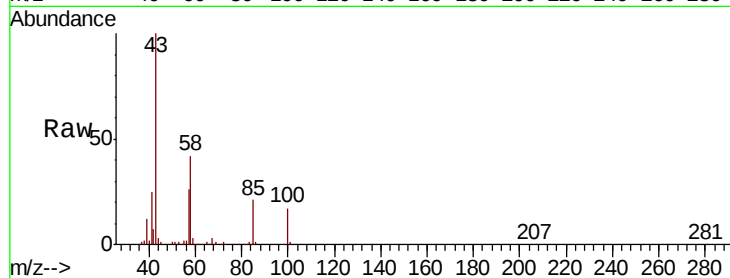




#51
 4-Methyl-2-Pentanone
 Concen: 18.960 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

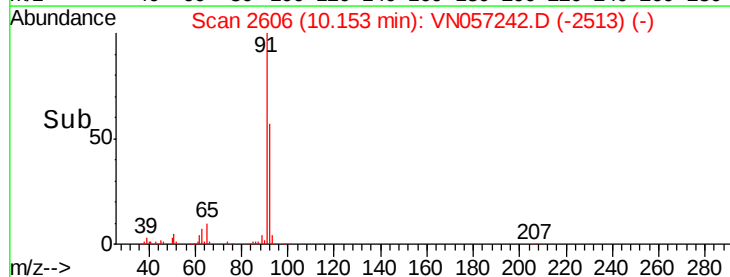
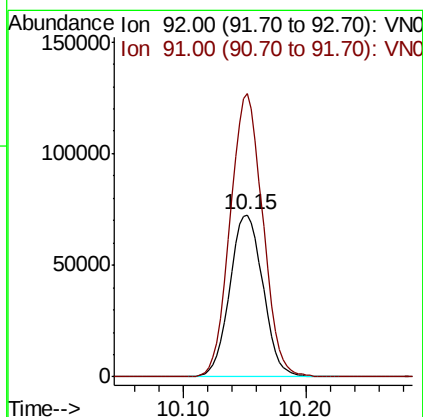
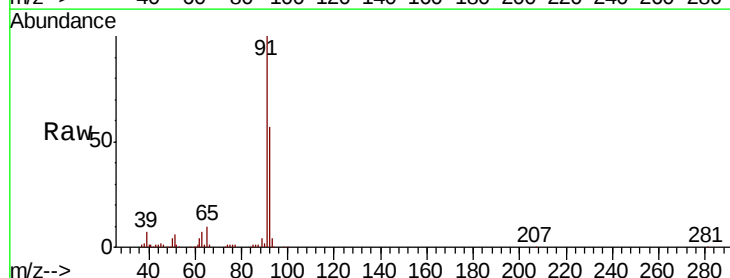
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

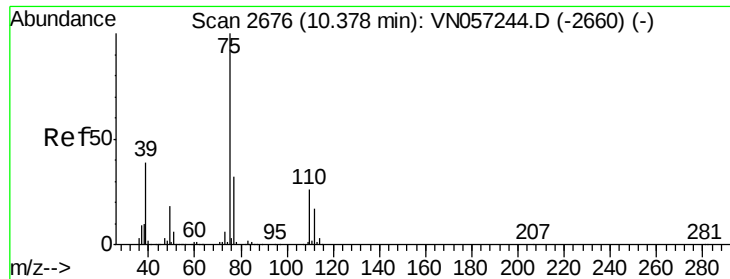
Tgt Ion: 43 Resp: 275731
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.7 50.5



#52
 Toluene
 Concen: 4.992 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 92 Resp: 137574
 Ion Ratio Lower Upper
 92 100
 91 171.4 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 4.576 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

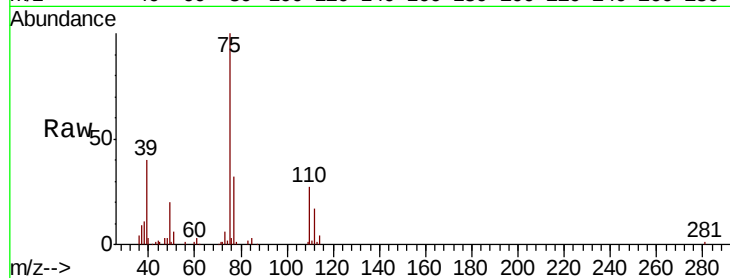
VSTDIC005

Tgt Ion: 75 Resp: 69637

Ion Ratio Lower Upper

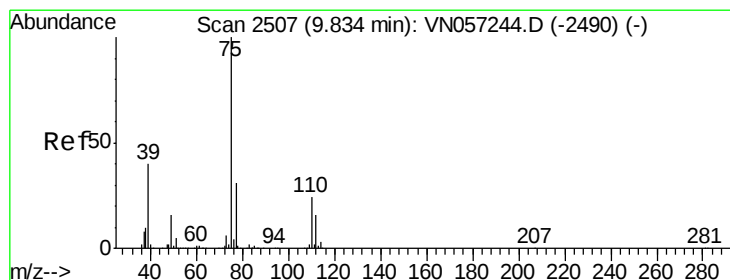
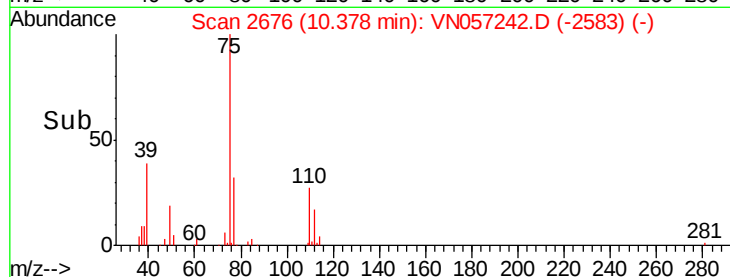
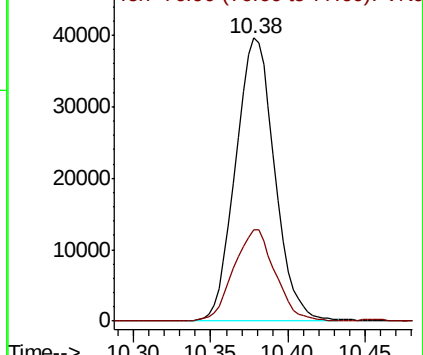
75 100

77 32.3 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.736 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

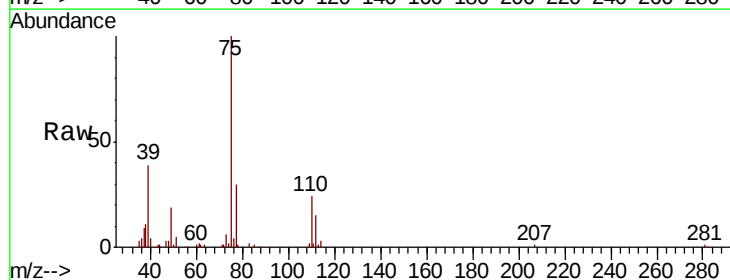
Tgt Ion: 75 Resp: 83289

Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

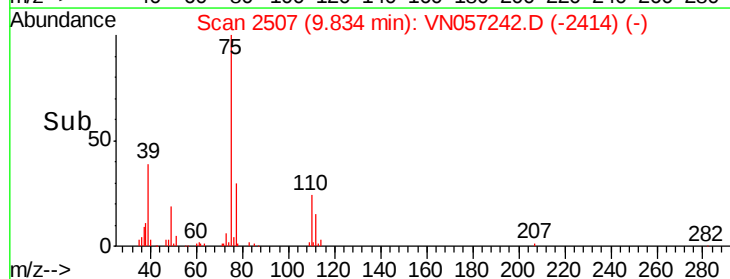
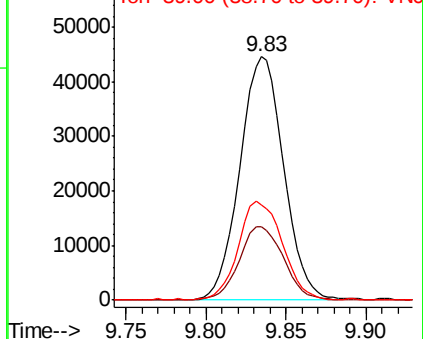
39 38.9 32.3 48.5

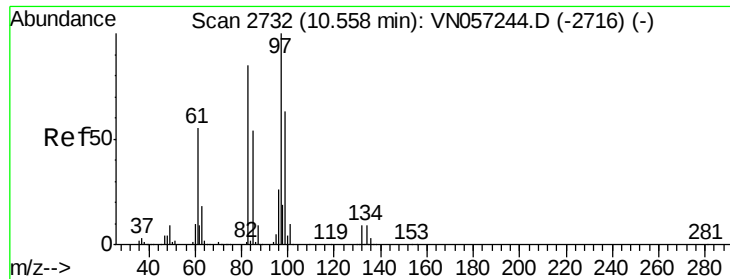


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

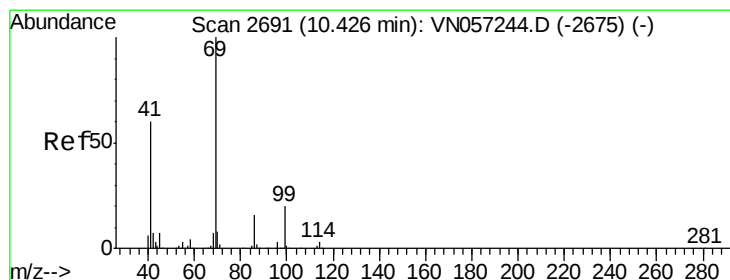
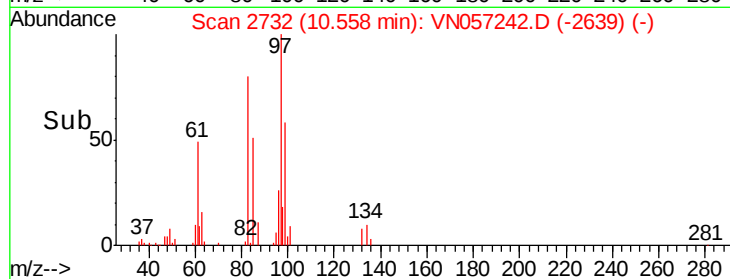
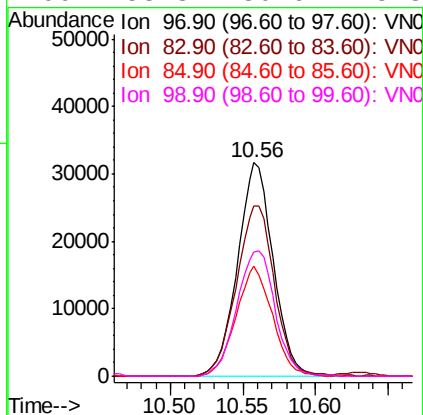
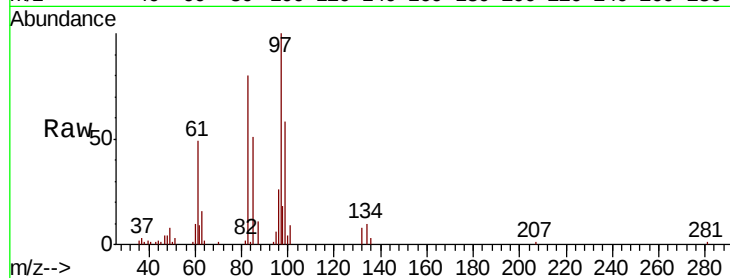




#55
 1,1,2-Trichloroethane
 Concen: 4.713 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

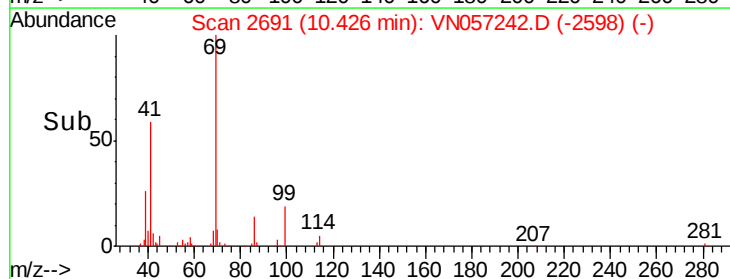
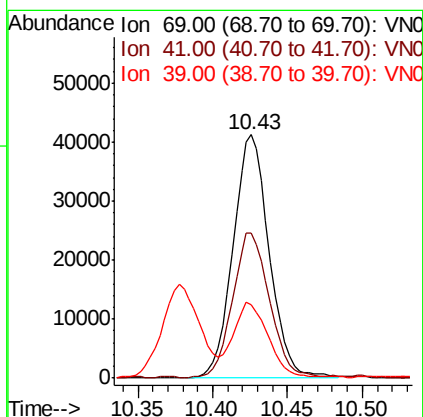
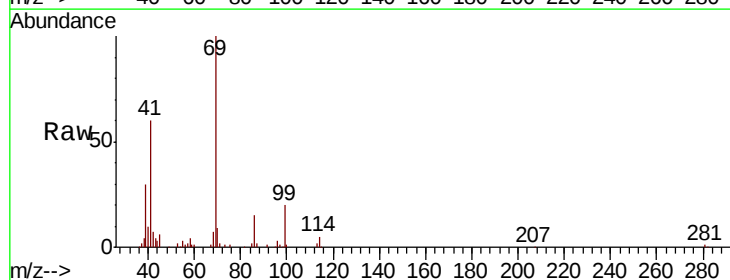
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

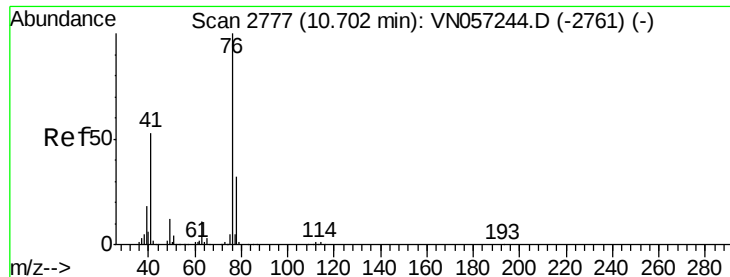
Tgt Ion:	97	Resp:	53985
Ion	Ratio	Lower	Upper
97	100		
83	79.8	68.4	102.6
85	51.5	43.0	64.6
99	58.3	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 4.253 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion:	69	Resp:	69292
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.6	71.4
39	29.7	23.4	35.0





#57

1,3-Dichloropropane

Concen: 4.790 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

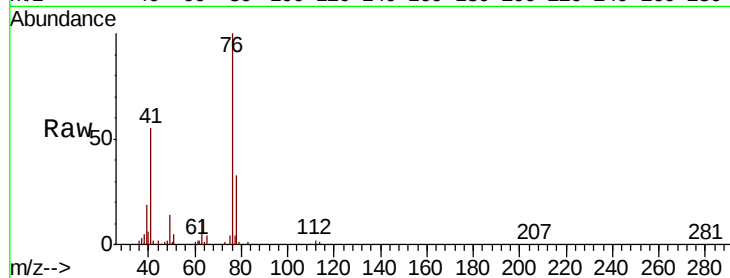
VSTDIC005

Tgt Ion: 76 Resp: 89504

Ion Ratio Lower Upper

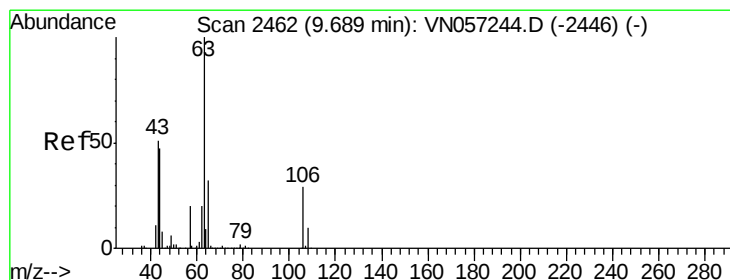
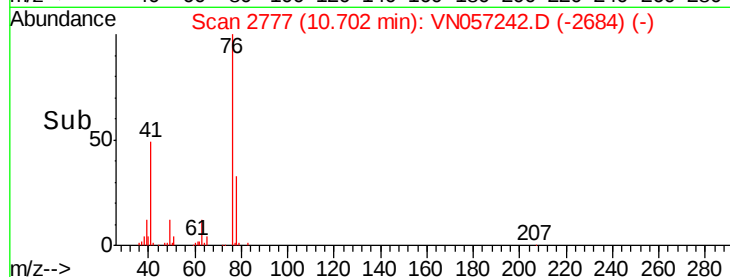
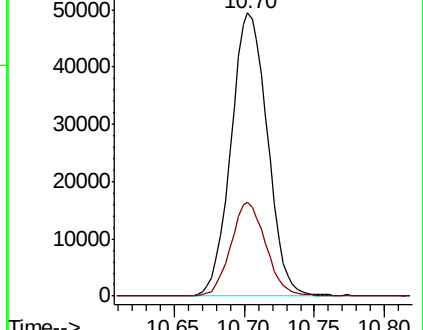
76 100

78 31.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN057242.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN057242.D (-2761) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 10.392 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057242.D

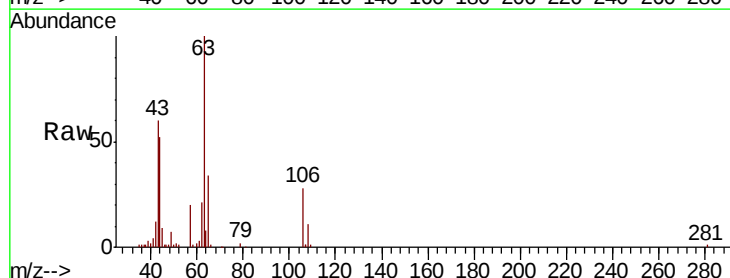
Acq: 13 Aug 2019 11:51

Tgt Ion: 63 Resp: 75086

Ion Ratio Lower Upper

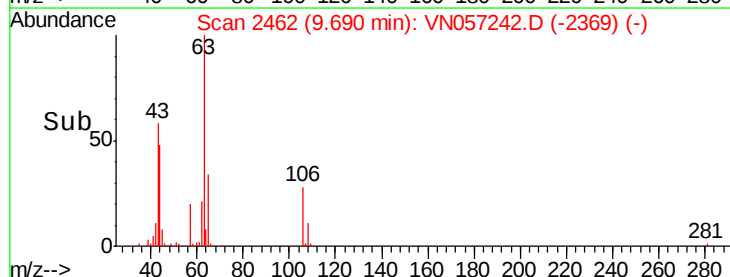
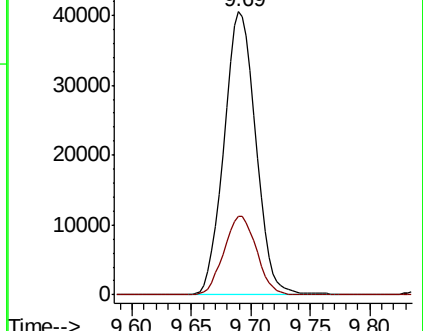
63 100

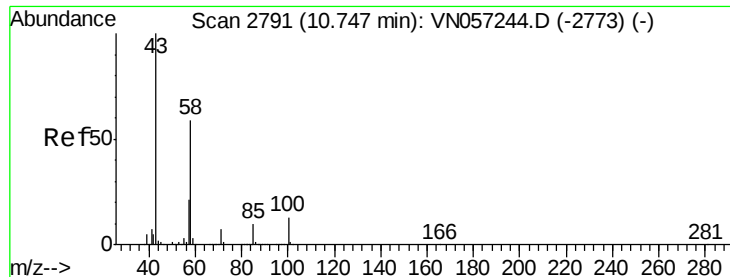
106 28.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN057242.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN057242.D (-2369) (-)

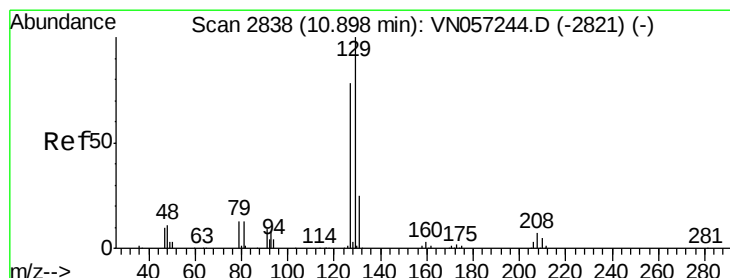
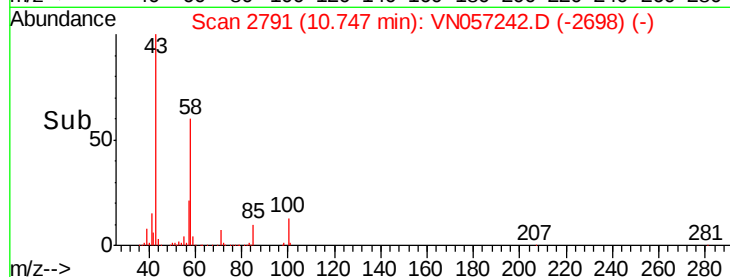
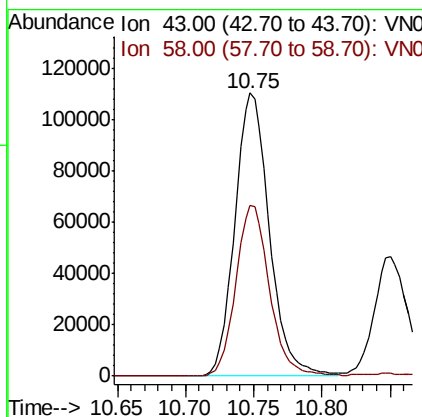
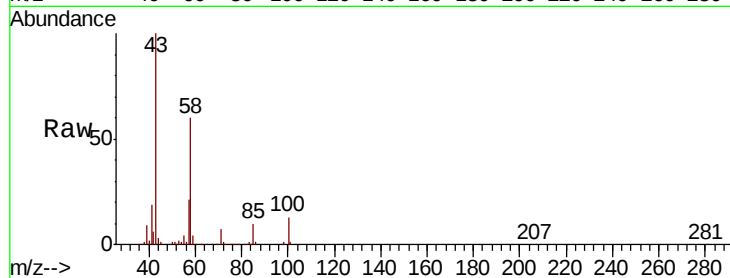




#59
2-Hexanone
Concen: 18.578 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

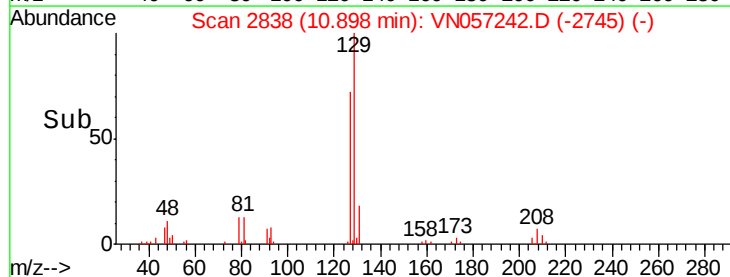
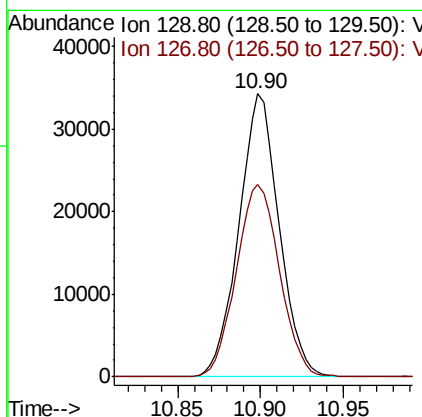
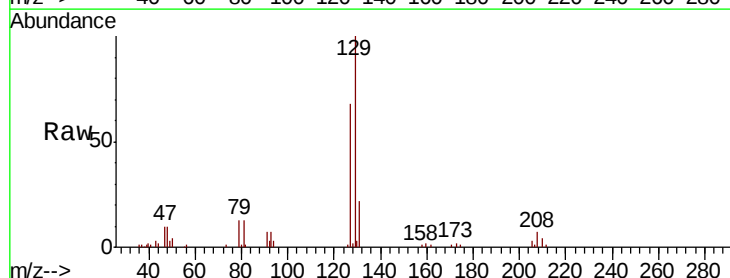
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

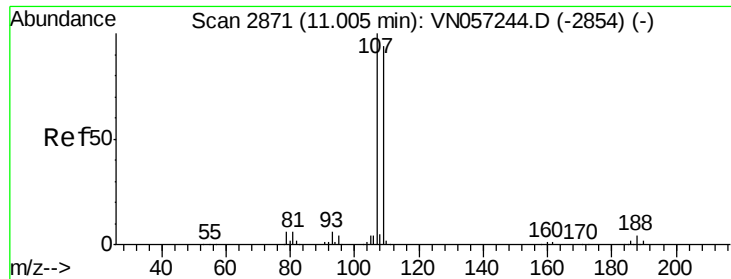
Tgt Ion: 43 Resp: 192952
Ion Ratio Lower Upper
43 100
58 59.0 29.1 87.4



#60
Dibromochloromethane
Concen: 5.053 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion: 129 Resp: 57744
Ion Ratio Lower Upper
129 100
127 73.2 38.9 116.6

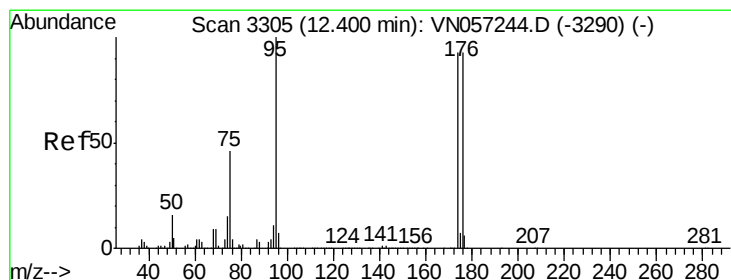
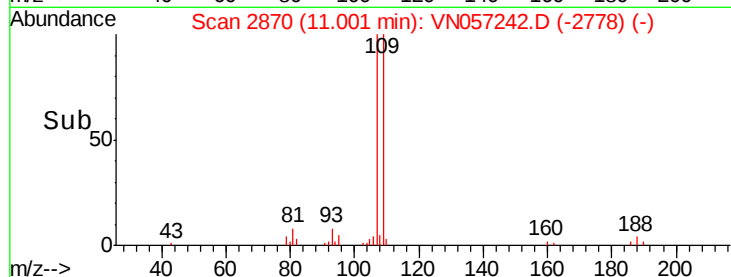
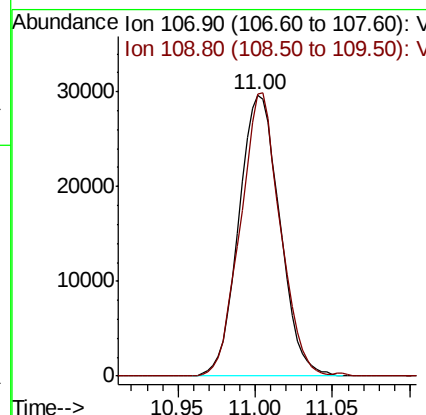
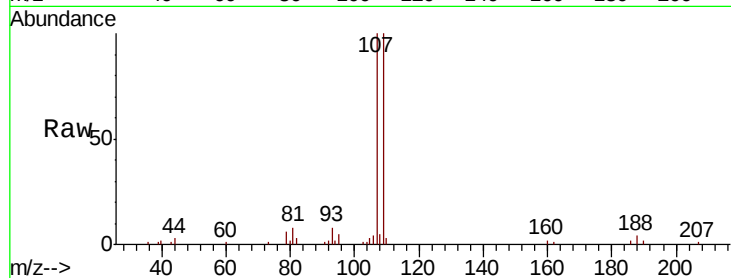




#61
 1,2-Dibromoethane
 Concen: 4.774 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

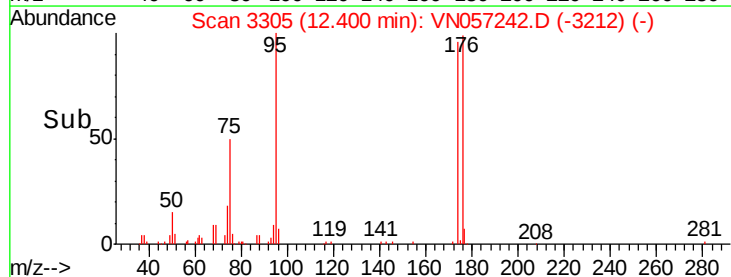
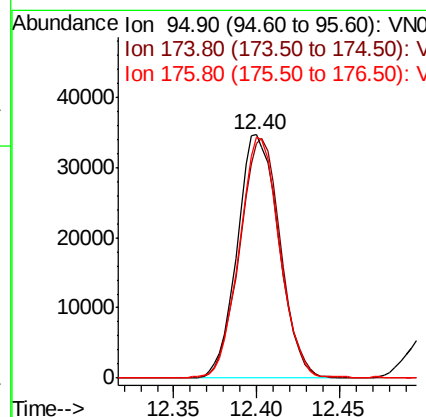
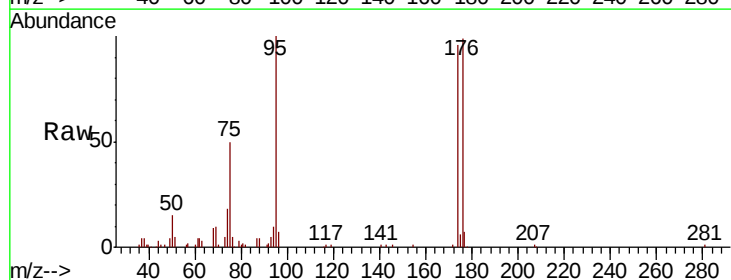
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

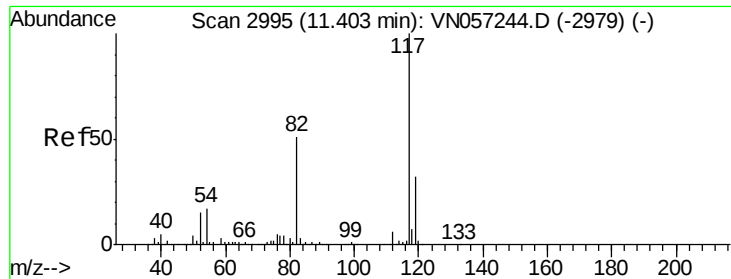
Tgt Ion: 107 Resp: 54513
 Ion Ratio Lower Upper
 107 100
 109 97.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 4.548 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 95 Resp: 60559
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 187.6
 176 95.3 0.0 185.8

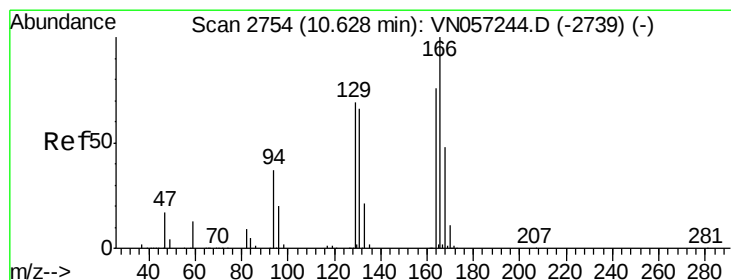
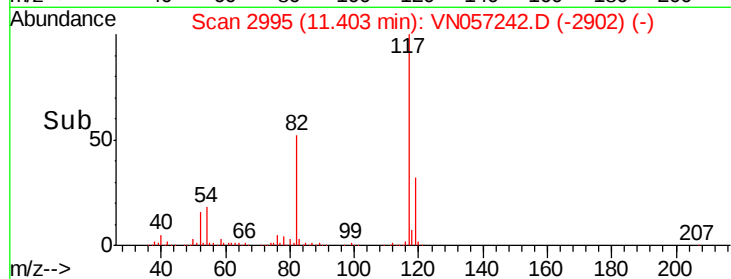
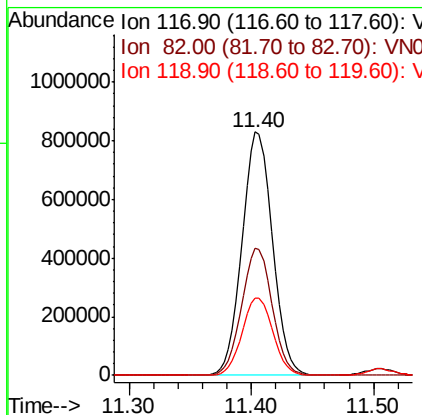
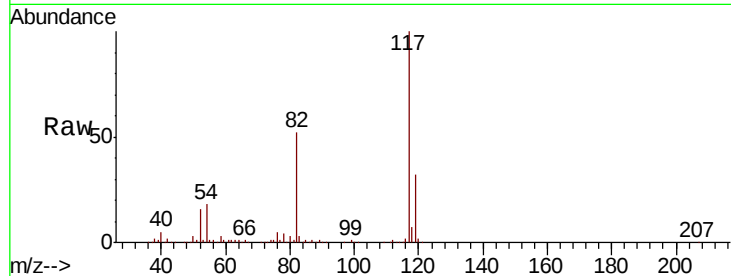




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

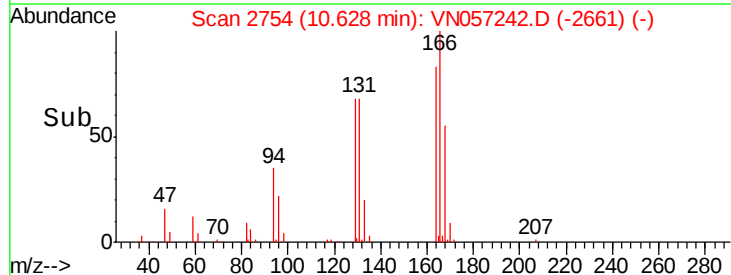
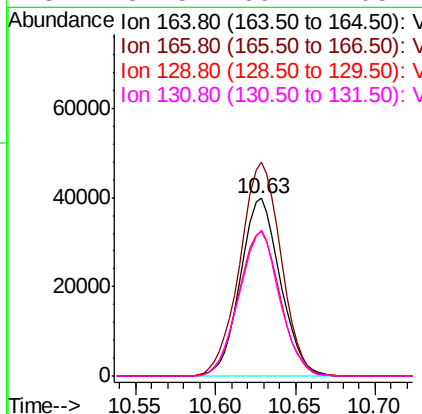
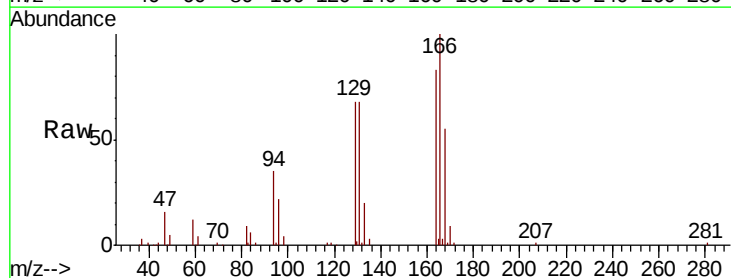
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

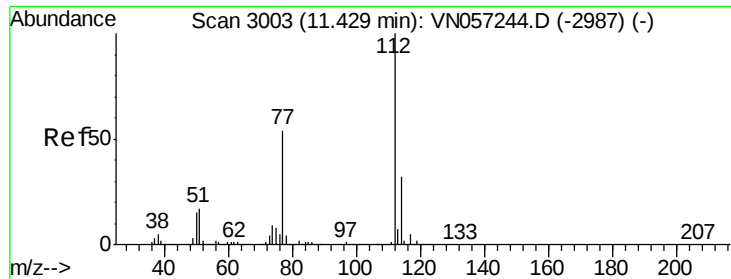
Tgt Ion:117 Resp: 1422499
Ion Ratio Lower Upper
117 100
82 52.0 40.9 61.3
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 5.504 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion:164 Resp: 67863
Ion Ratio Lower Upper
164 100
166 120.3 104.9 157.3
129 81.5 71.9 107.9
131 81.8 69.1 103.7

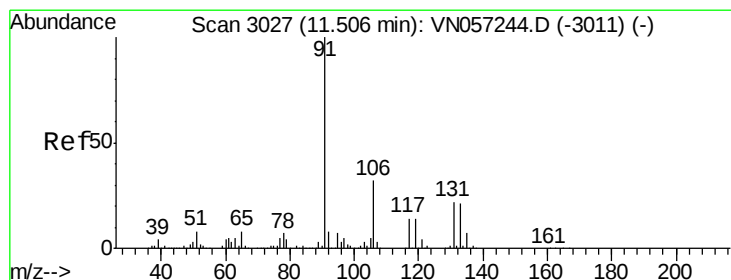
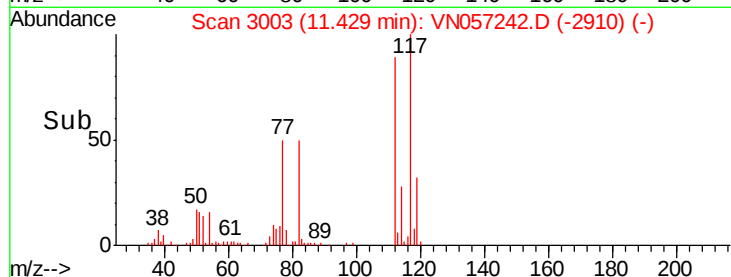
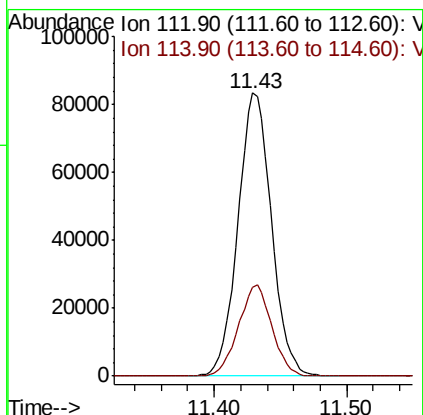
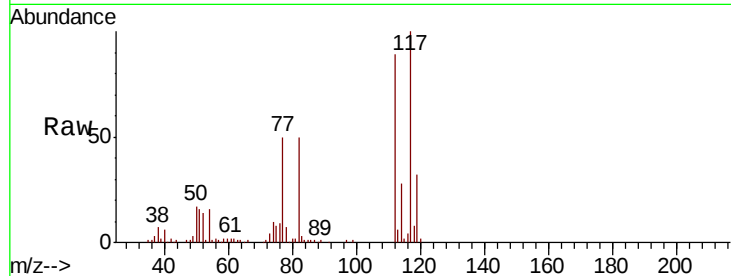




#65
Chlorobenzene
Concen: 5.014 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

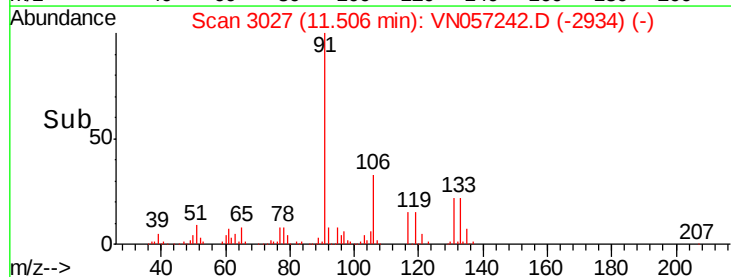
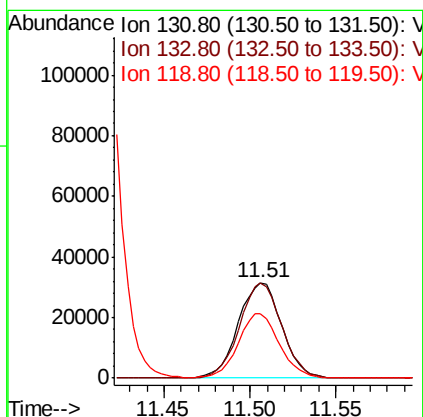
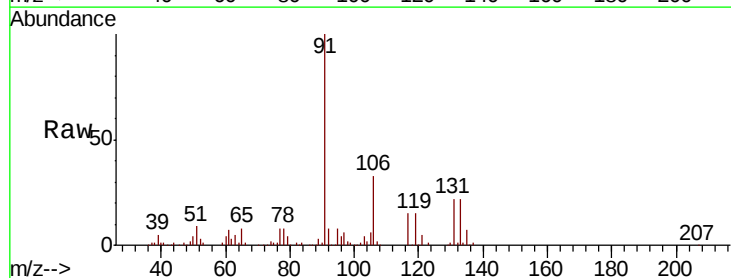
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

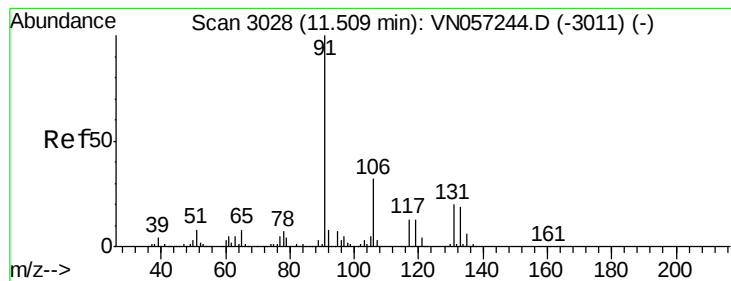
Tgt Ion:112 Resp: 146293
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.083 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion:131 Resp: 54982
Ion Ratio Lower Upper
131 100
133 96.8 46.9 140.7
119 64.4 32.3 96.8





#67

Ethyl Benzene

Concen: 4.796 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

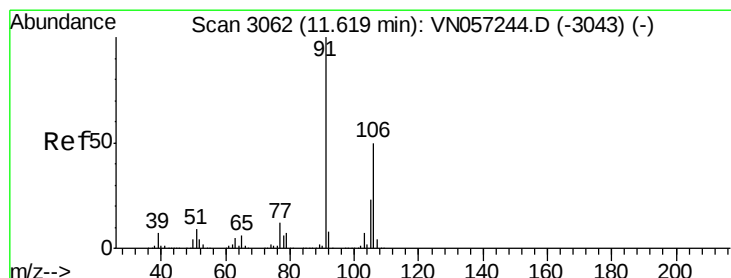
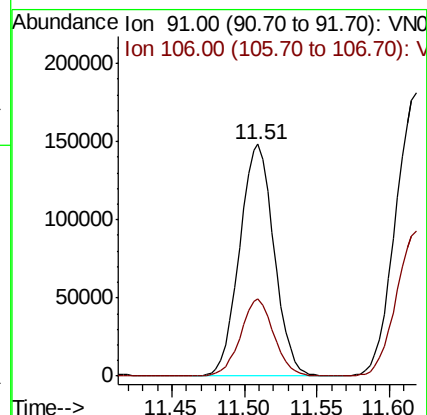
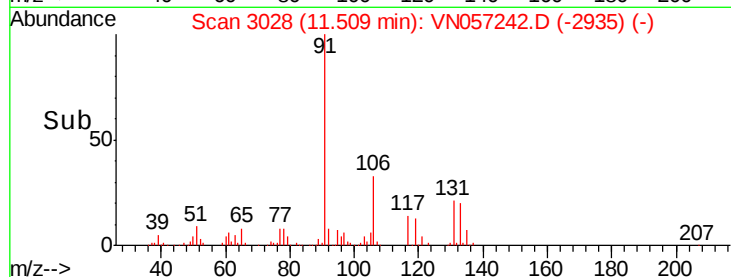
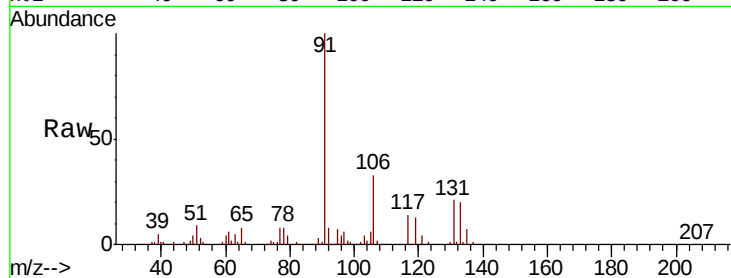
VSTDIC005

Tgt Ion: 91 Resp: 244808

Ion Ratio Lower Upper

91 100

106 33.2 25.4 38.0



#68

m/p-Xylenes

Concen: 9.515 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN057242.D

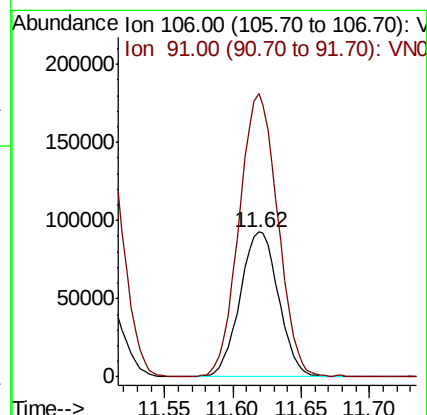
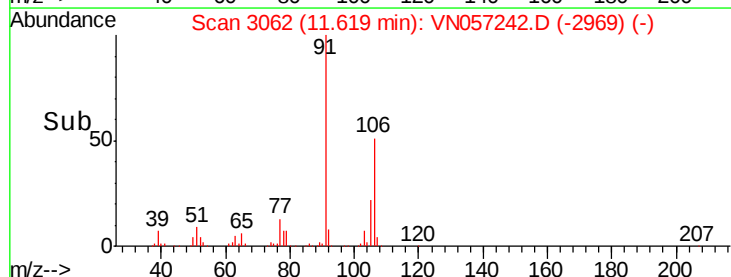
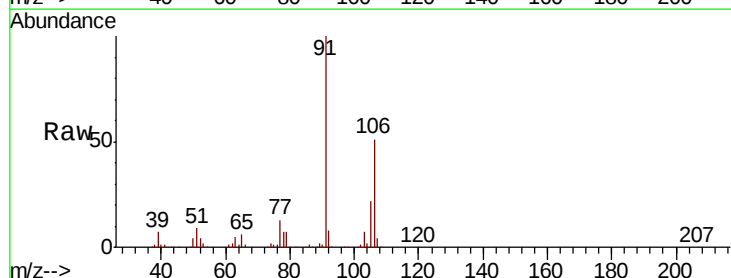
Acq: 13 Aug 2019 11:51

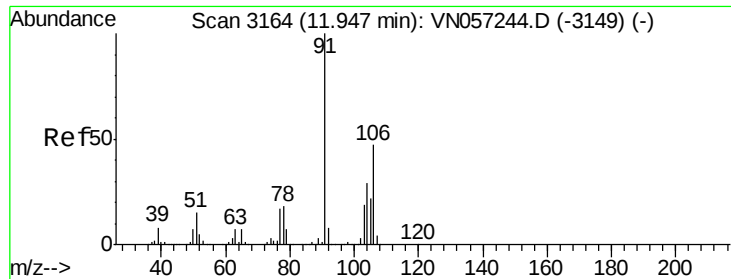
Tgt Ion: 106 Resp: 181362

Ion Ratio Lower Upper

106 100

91 196.5 161.4 242.0

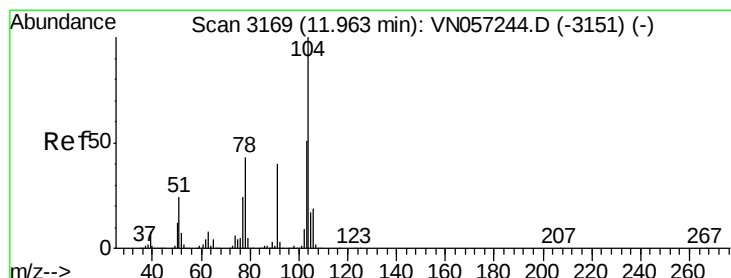
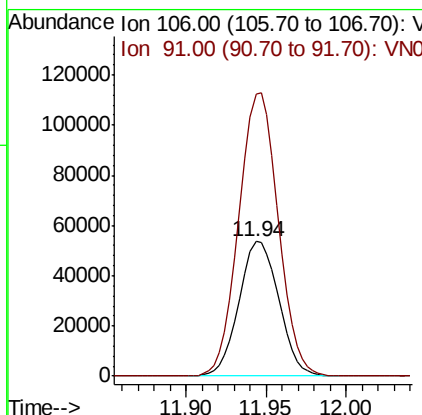
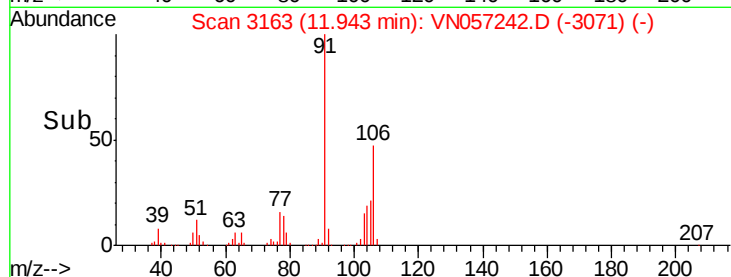
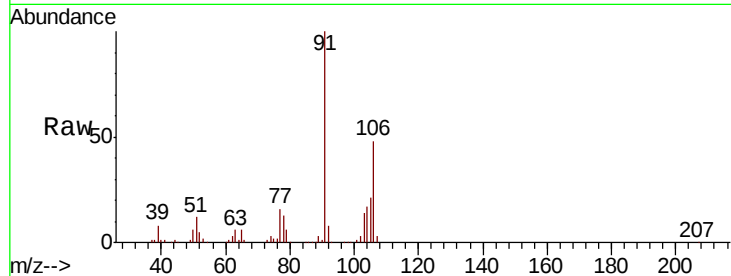




#69
o-Xylene
Concen: 4.881 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

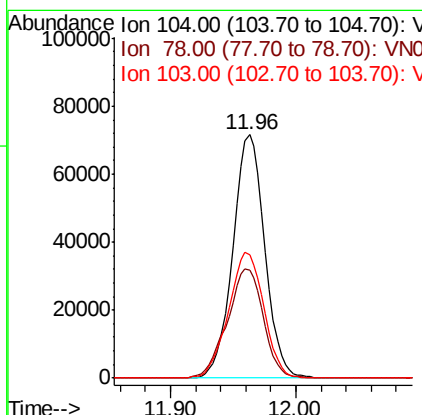
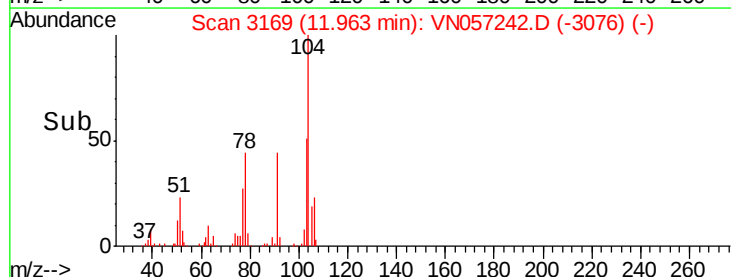
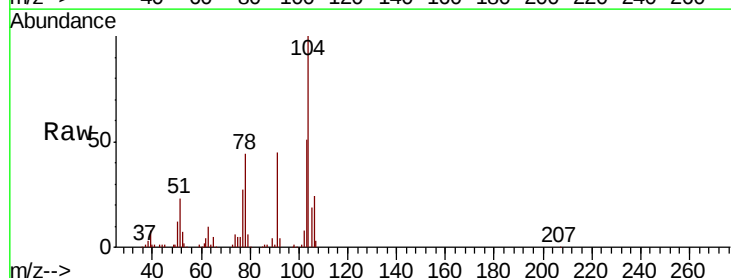
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

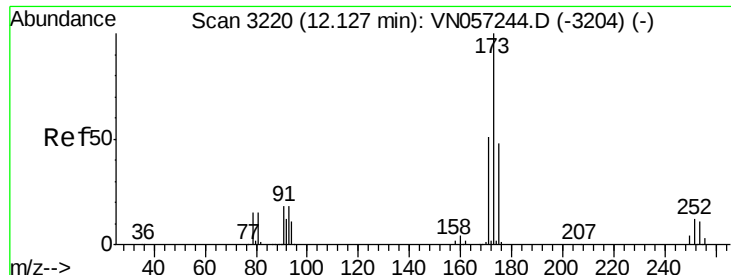
Tgt Ion:106 Resp: 91439
Ion Ratio Lower Upper
106 100
91 207.4 106.5 319.4



#70
Styrene
Concen: 4.193 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion:104 Resp: 126562
Ion Ratio Lower Upper
104 100
78 50.7 38.6 57.8
103 57.2 43.9 65.9

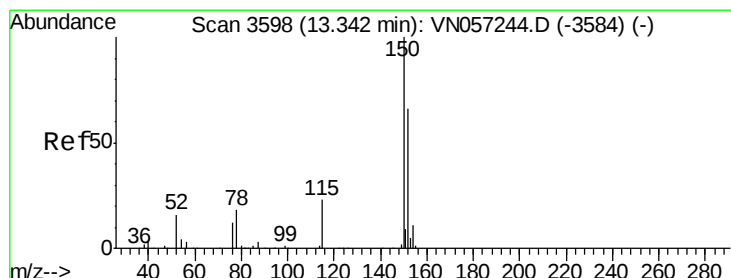
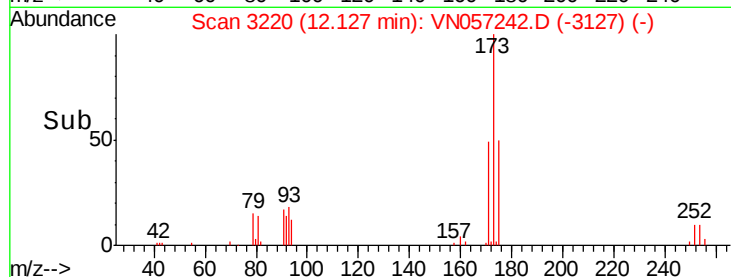
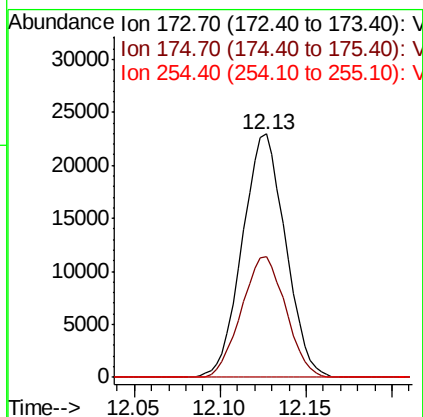
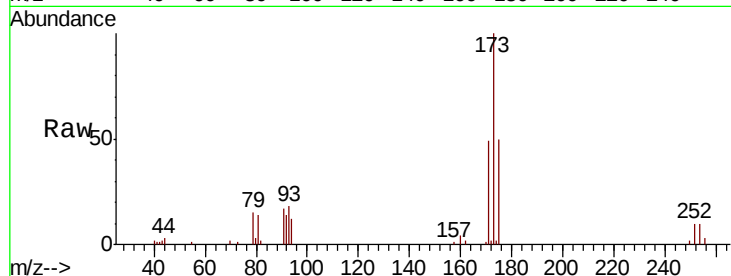




#71
Bromoform
Concen: 4.861 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

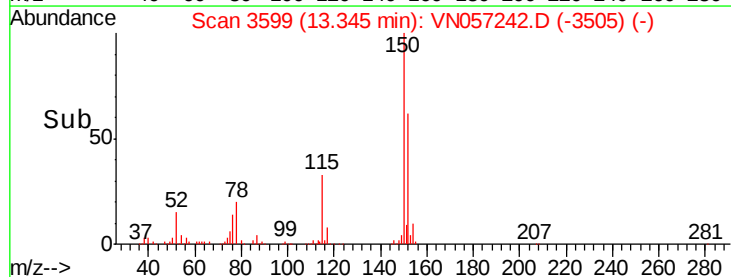
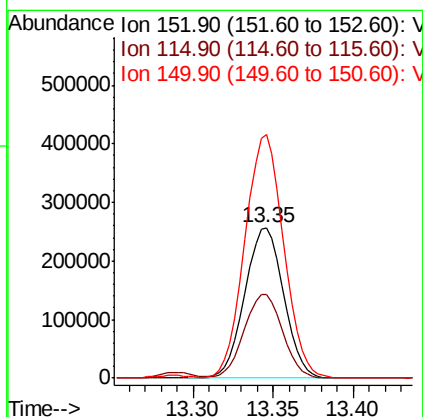
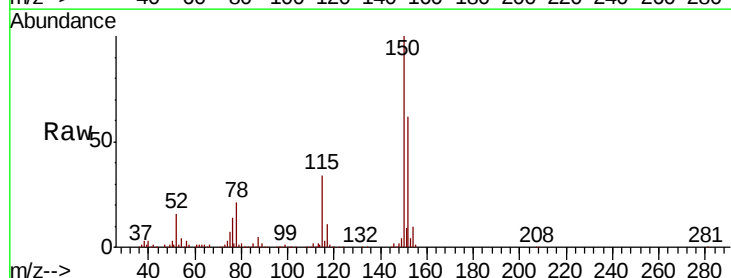
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

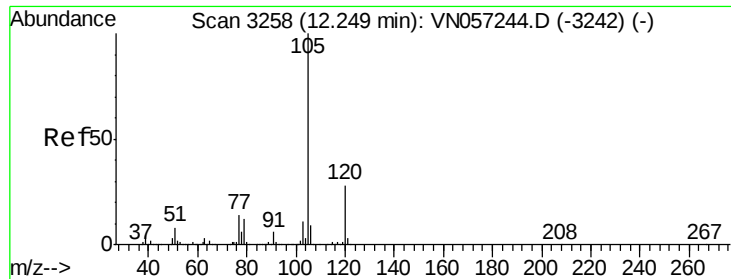
Tgt Ion:173 Resp: 39954
Ion Ratio Lower Upper
173 100
175 50.8 24.4 73.2
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion:152 Resp: 424529
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 161.7 0.0 348.4





#73

Isopropylbenzene

Concen: 6.587 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

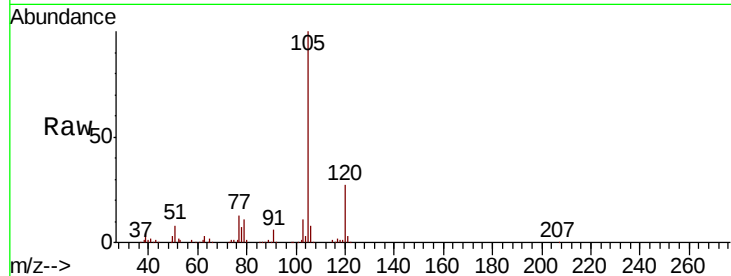
VSTDIC005

Tgt Ion: 105 Resp: 229657

Ion Ratio Lower Upper

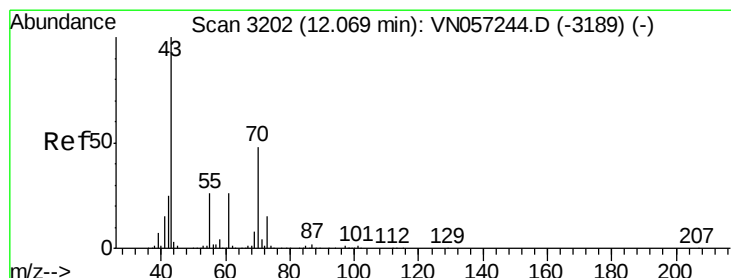
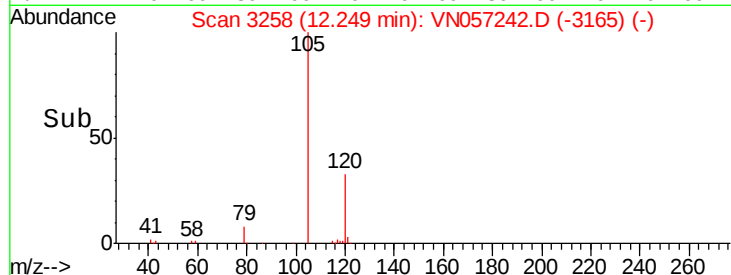
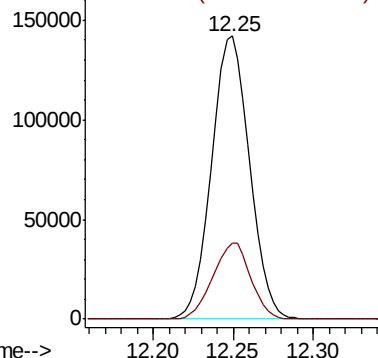
105 100

120 26.8 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.291 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Tgt Ion: 43 Resp: 65651

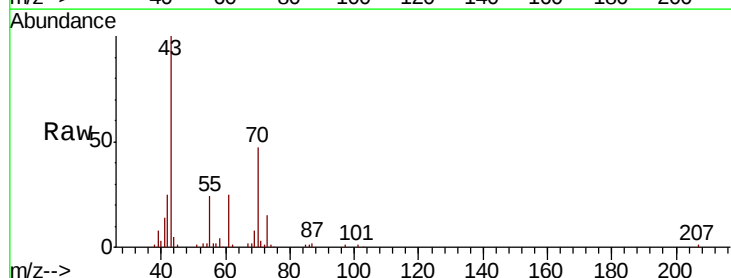
Ion Ratio Lower Upper

43 100

70 45.0 37.4 56.2

55 26.9 21.0 31.4

61 25.3 20.9 31.3

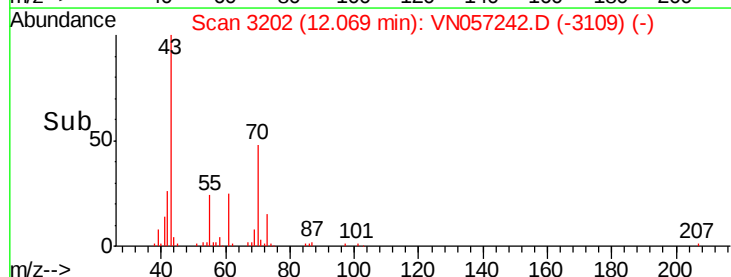
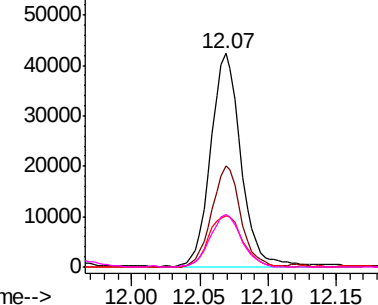


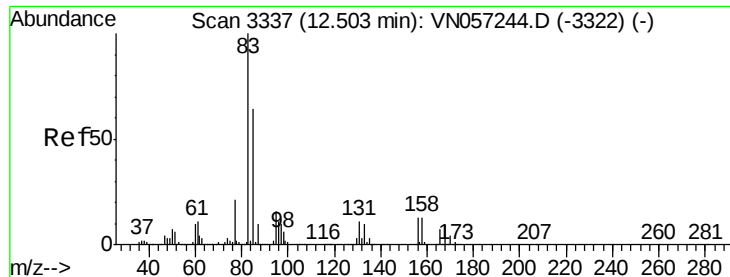
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 6.087 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

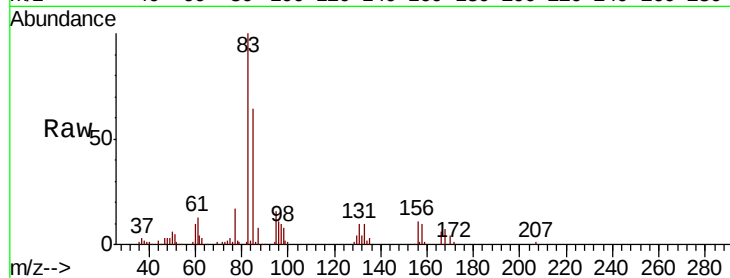
MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 69797

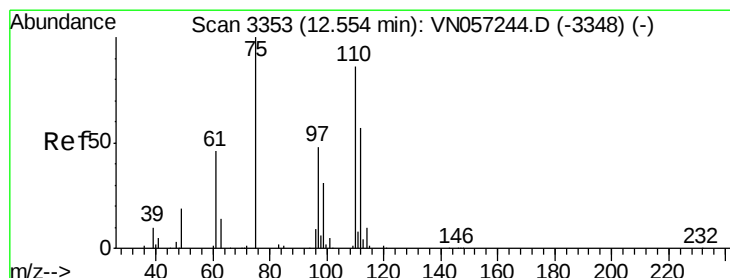
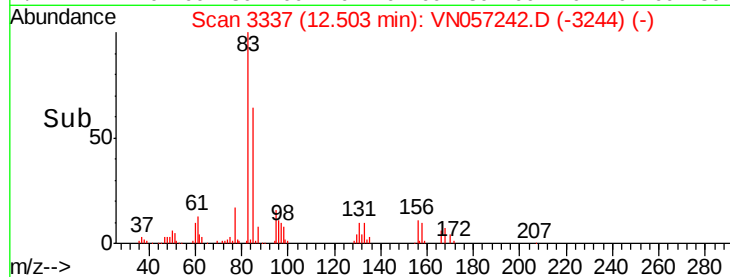
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.6	16.8
85	65.4	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 8.850 ug/l

RT: 12.55 min Scan# 3353

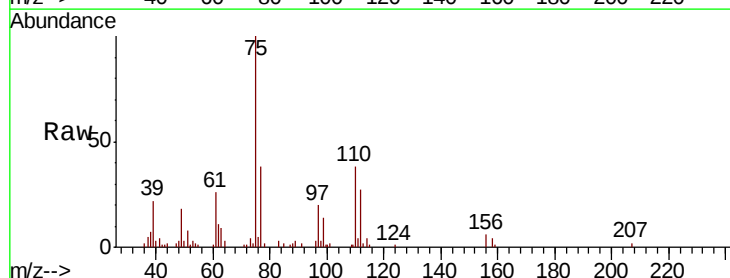
Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

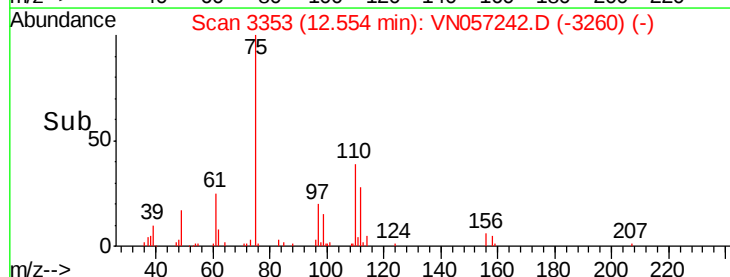
Tgt Ion: 75 Resp: 80892

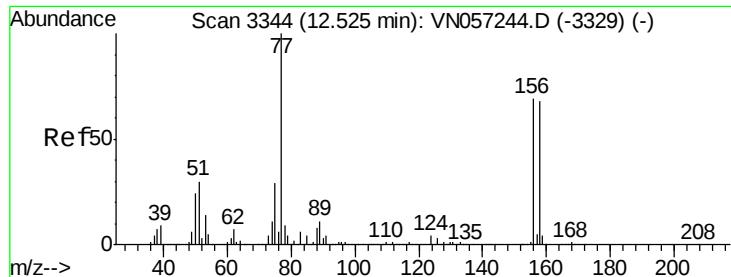
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 6.610 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

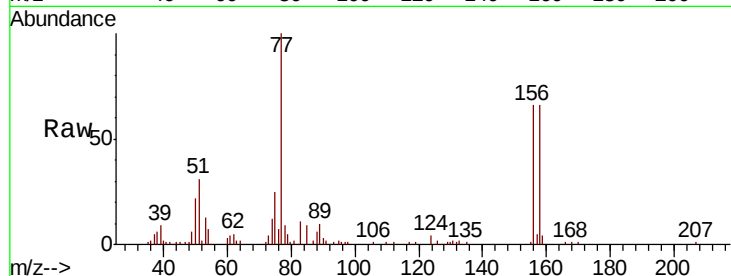
Tgt Ion:156 Resp: 60385

Ion Ratio Lower Upper

156 100

77 174.5 88.0 264.1

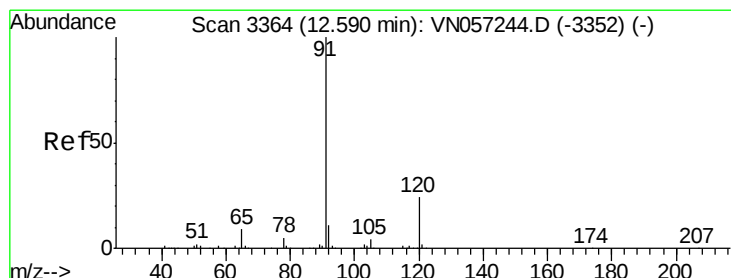
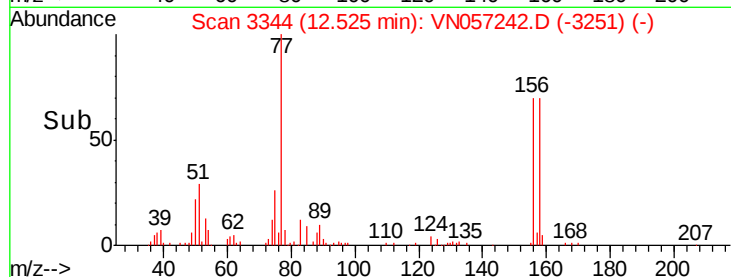
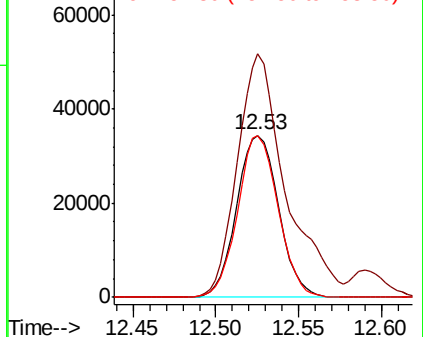
158 96.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.540 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057242.D

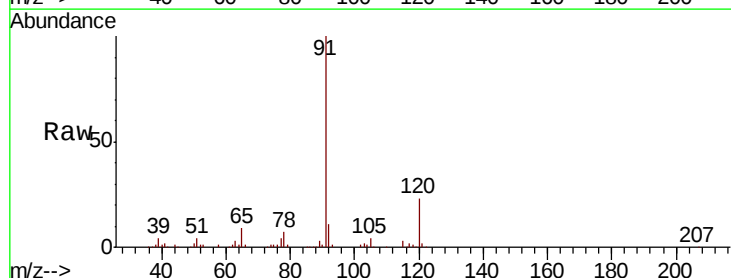
Acq: 13 Aug 2019 11:51

Tgt Ion: 91 Resp: 212151

Ion Ratio Lower Upper

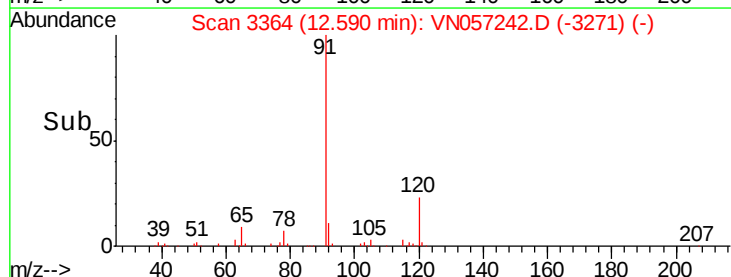
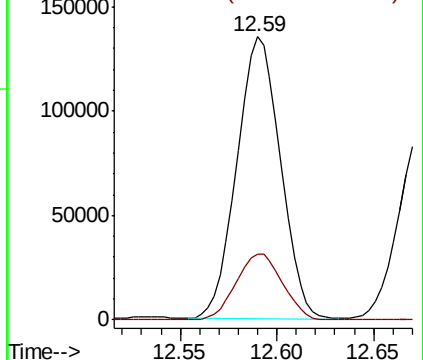
91 100

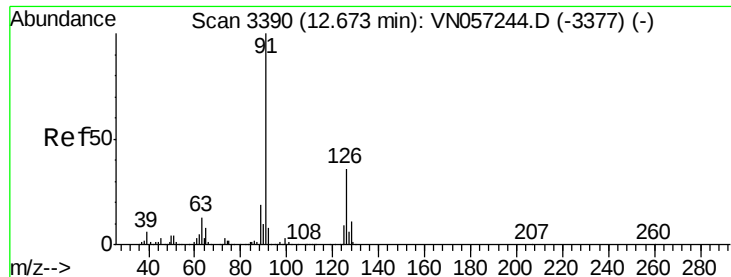
120 24.8 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

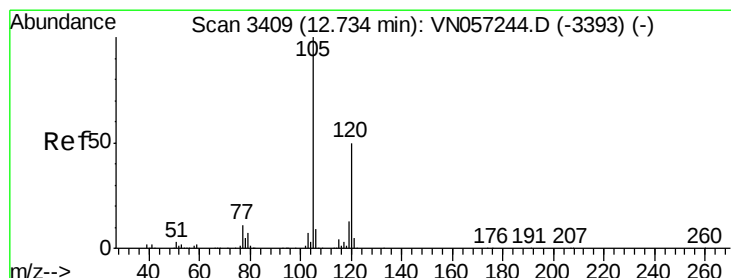
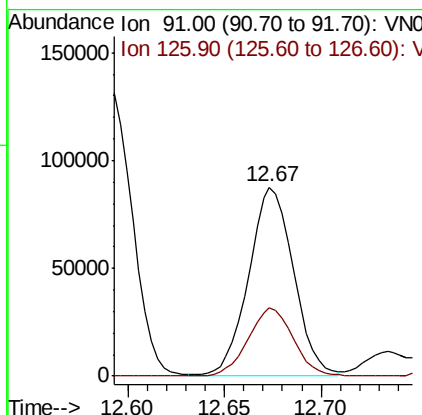
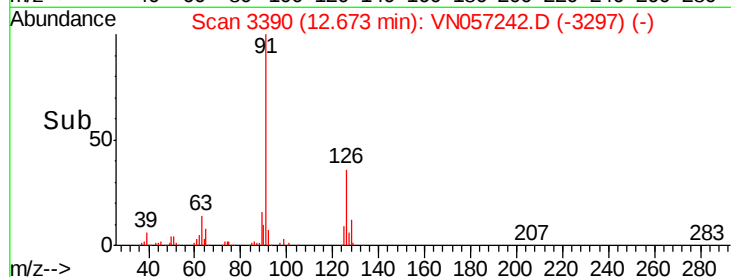
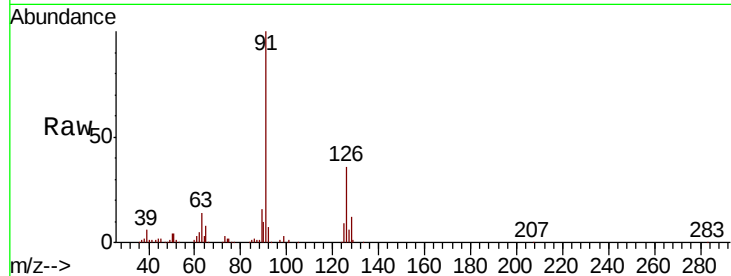




#79
 2-Chlorotoluene
 Concen: 5.905 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

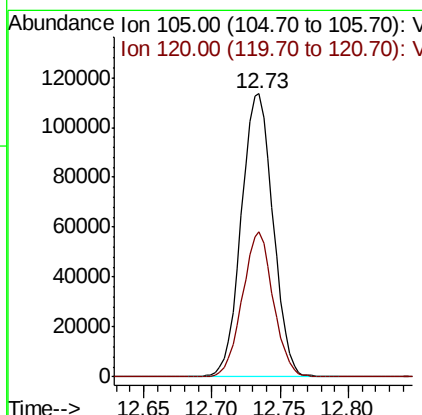
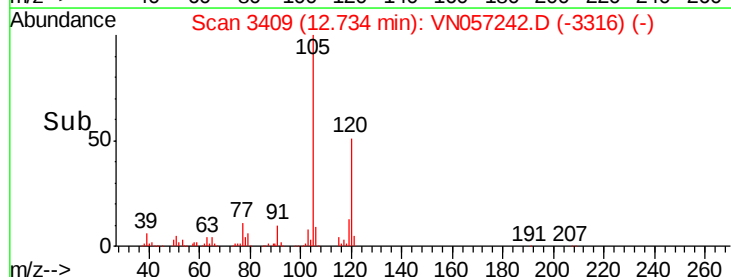
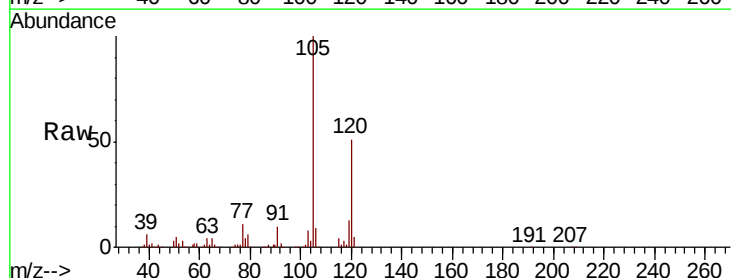
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

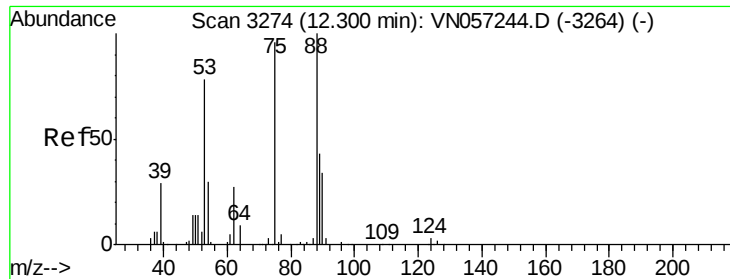
Tgt Ion: 91 Resp: 140633
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 6.234 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion: 105 Resp: 183606
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 6.103 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

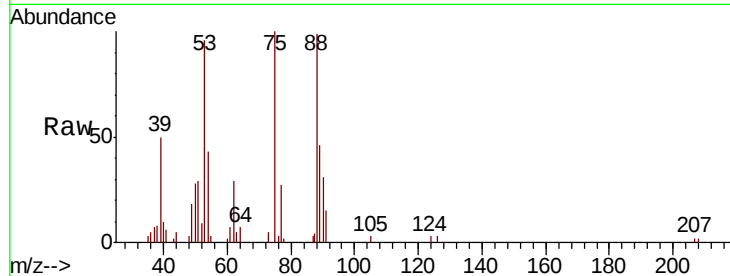
Tgt Ion: 75 Resp: 18484

Ion Ratio Lower Upper

75 100

53 89.5 65.8 98.6

89 47.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN057242.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN057242.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN057242.D (-3264) (-)

12.30

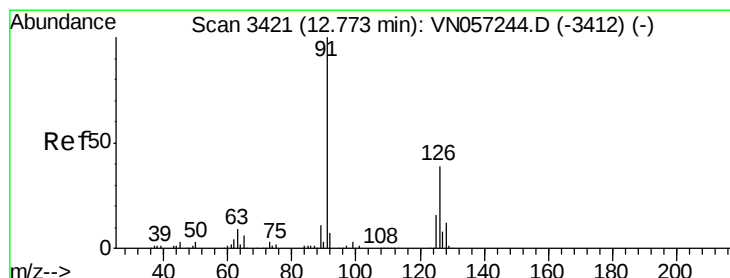
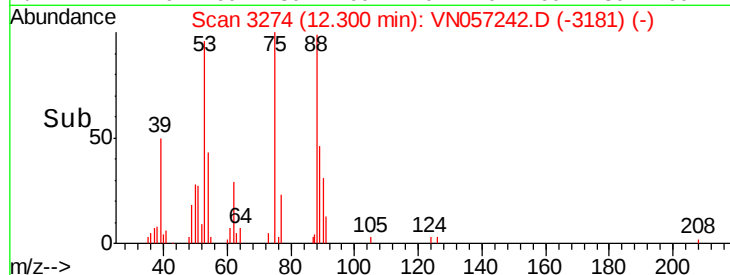
10000

5000

0

12.25 12.30 12.35

Time-->



#82

4-Chlorotoluene

Concen: 5.493 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057242.D

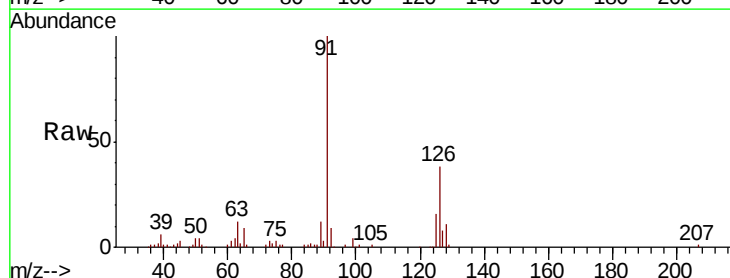
Acq: 13 Aug 2019 11:51

Tgt Ion: 91 Resp: 123199

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN057242.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN057242.D (-3412) (-)

12.77

80000

60000

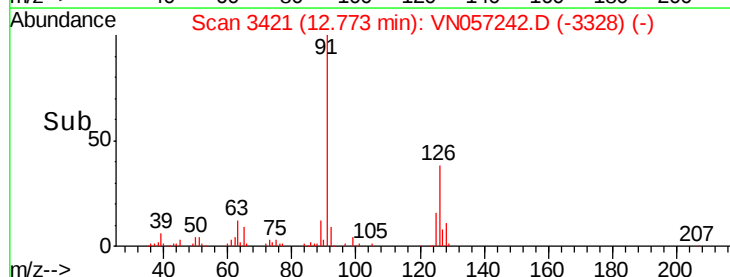
40000

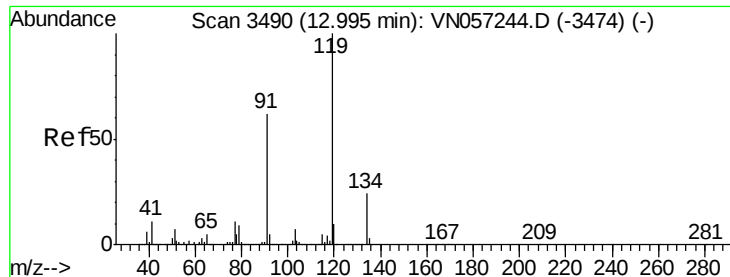
20000

0

12.75 12.80 12.85

Time-->

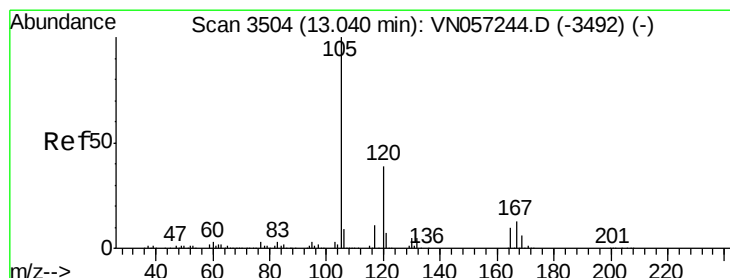
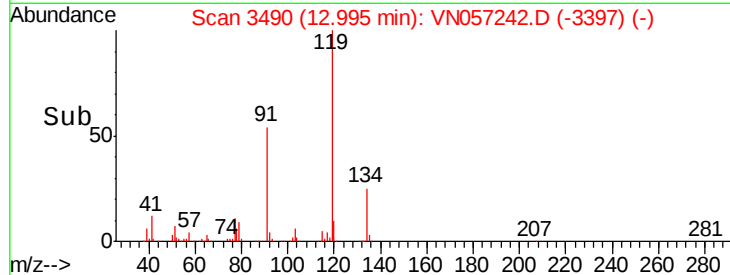
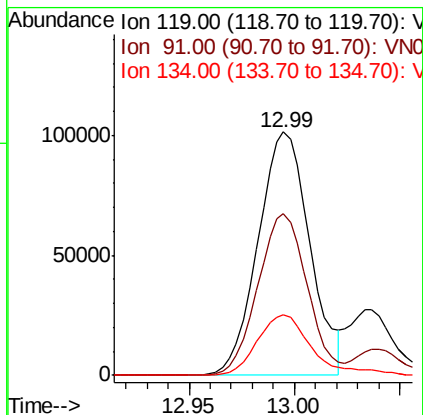
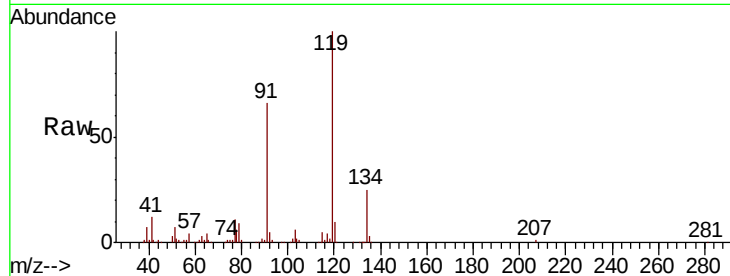




#83
 tert-Butylbenzene
 Concen: 6.688 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

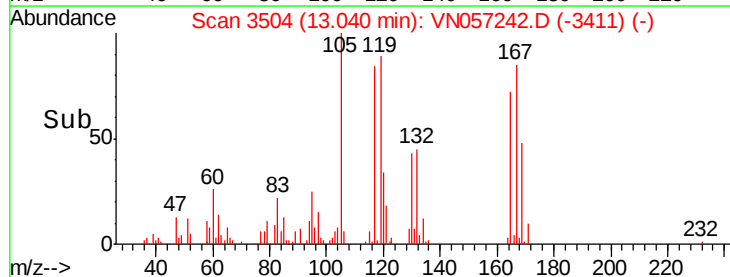
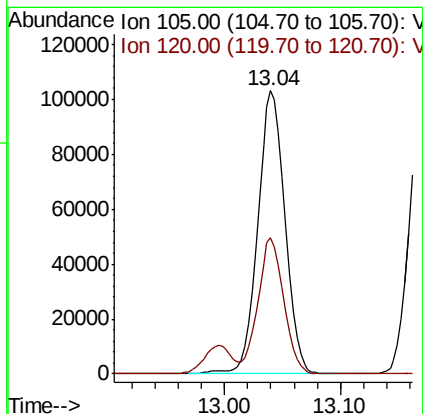
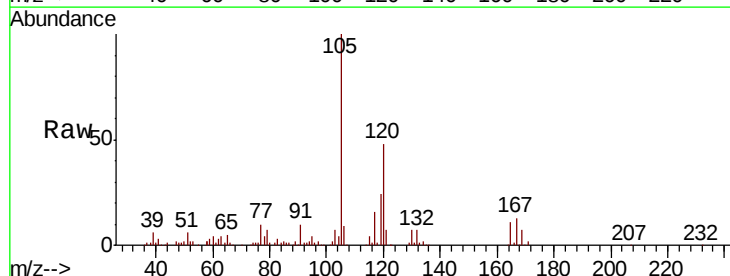
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

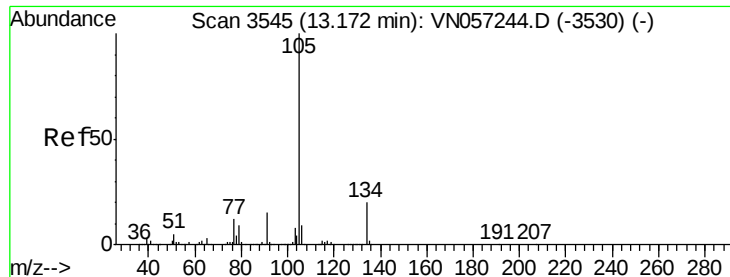
Tgt Ion:	119	Resp:	173108
Ion	Ratio	Lower	Upper
119	100		
91	63.7	30.8	92.3
134	26.3	12.9	38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 5.895 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion:	105	Resp:	168197
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.5

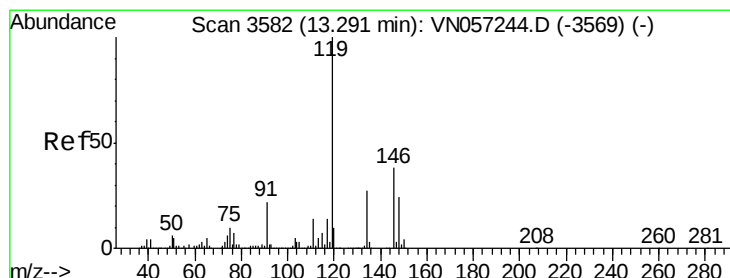
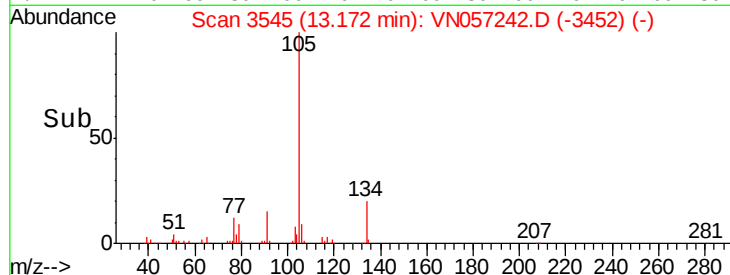
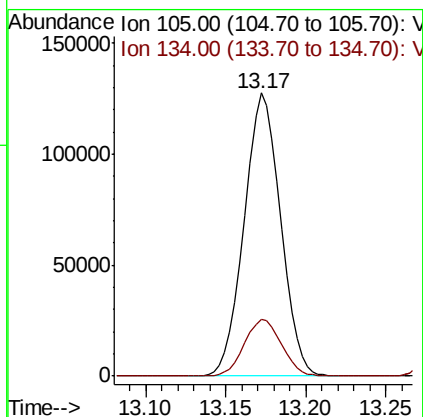
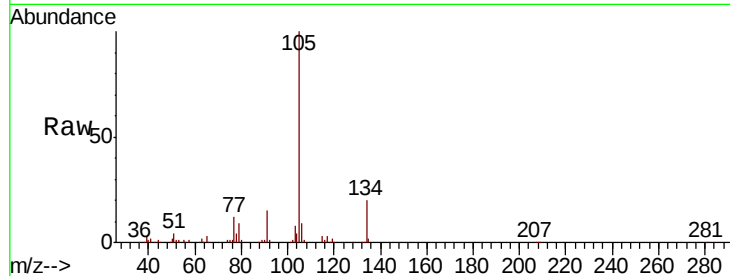




#85
 sec-Butylbenzene
 Concen: 6.071 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

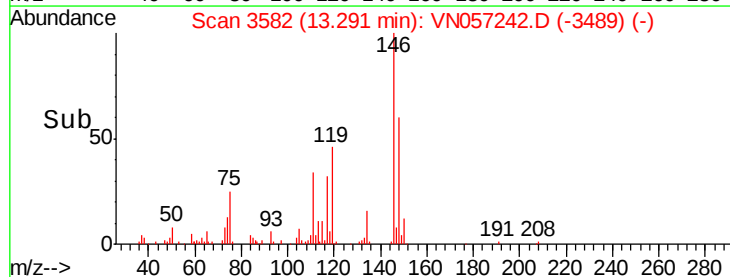
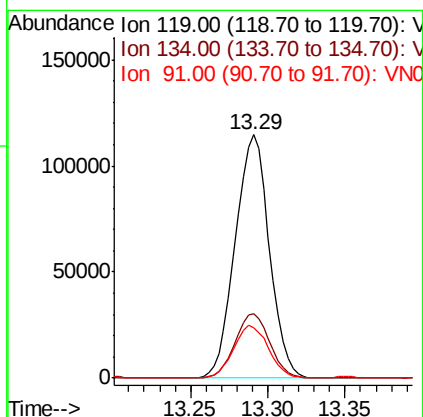
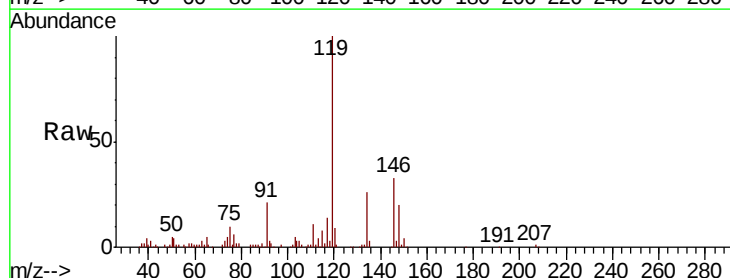
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

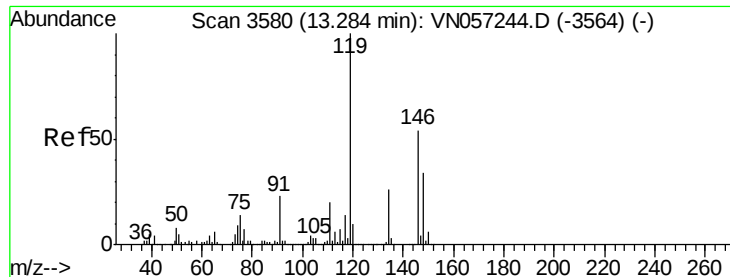
Tgt Ion:105 Resp: 198388
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 5.962 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion:119 Resp: 175536
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 22.3 11.1 33.3

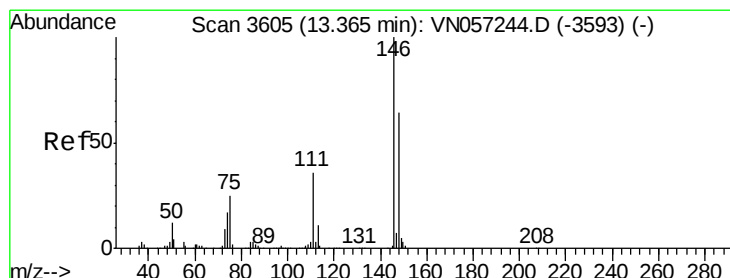
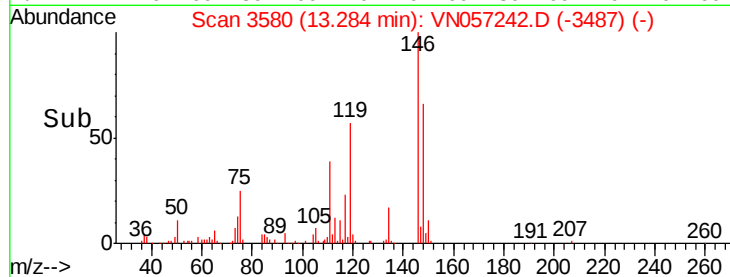
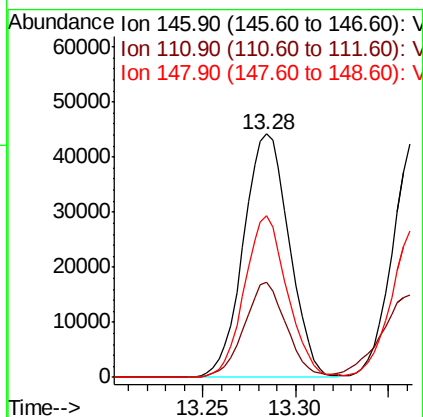
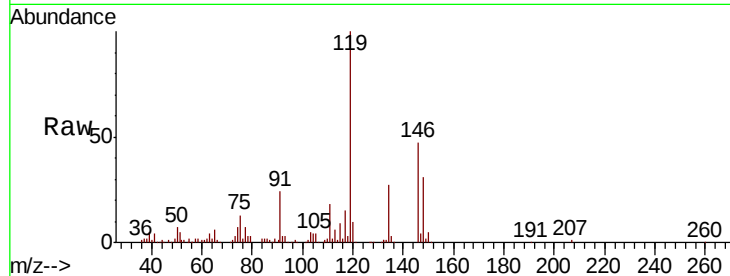




#87
 1,3-Dichlorobenzene
 Concen: 5.119 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

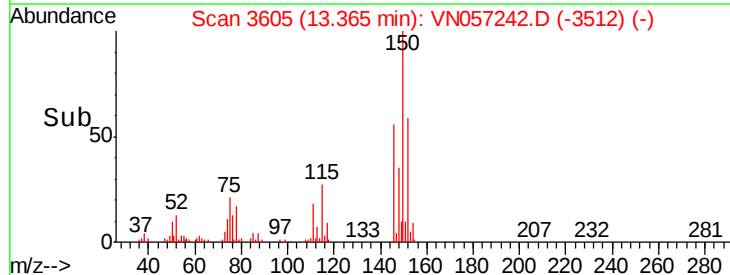
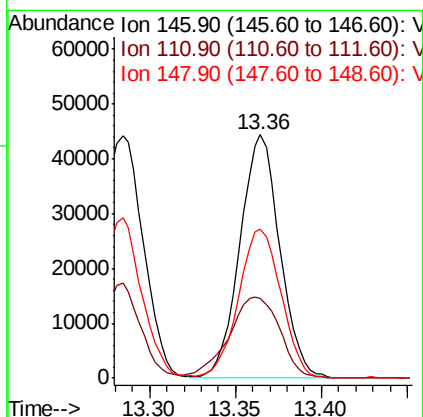
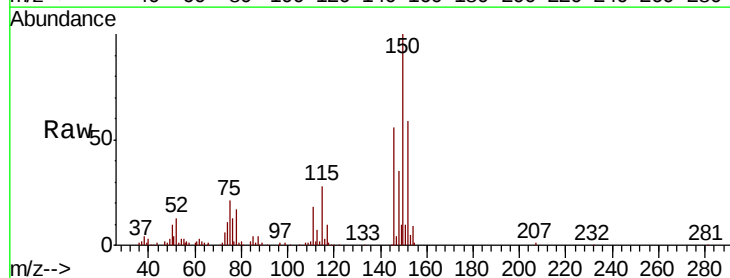
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

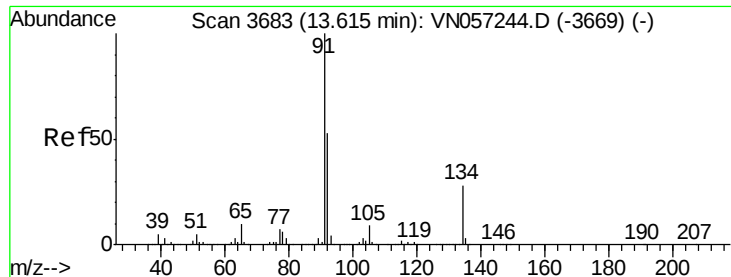
Tgt Ion:146 Resp: 75507
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.8 56.4
 148 62.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.035 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion:146 Resp: 71818
 Ion Ratio Lower Upper
 146 100
 111 42.8 18.3 54.8
 148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 4.811 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

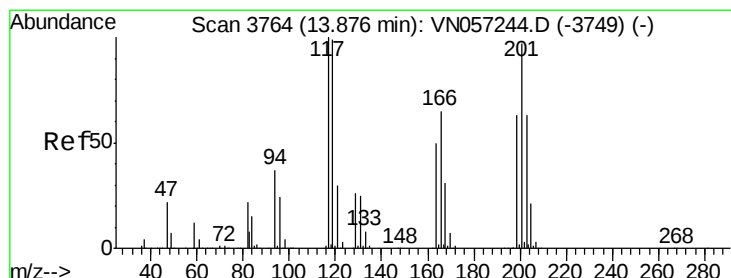
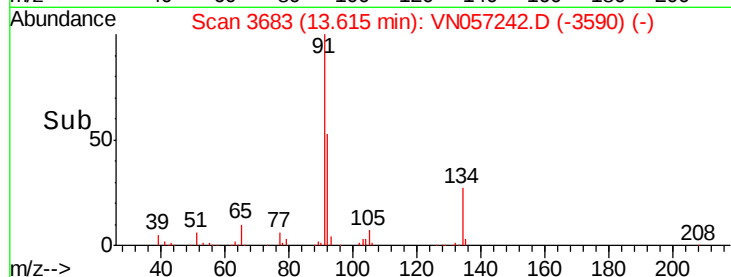
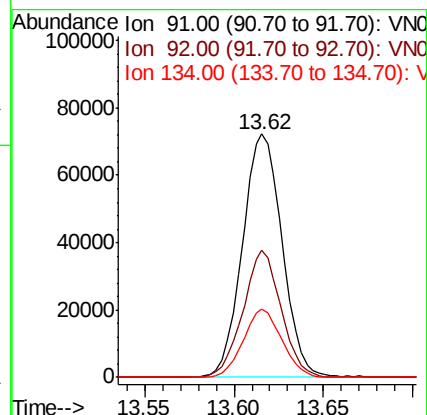
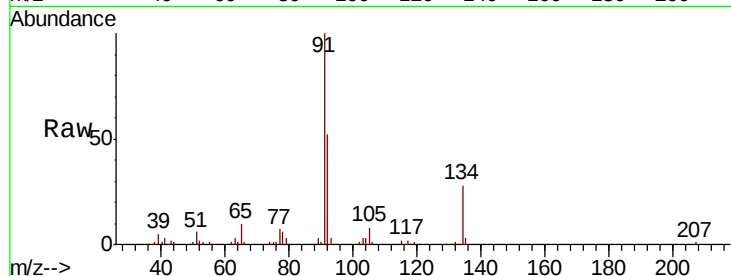
Tgt Ion: 91 Resp: 111372

Ion Ratio Lower Upper

91 100

92 50.3 26.3 78.9

134 27.4 14.1 42.3



#90

Hexachloroethane

Concen: 6.906 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057242.D

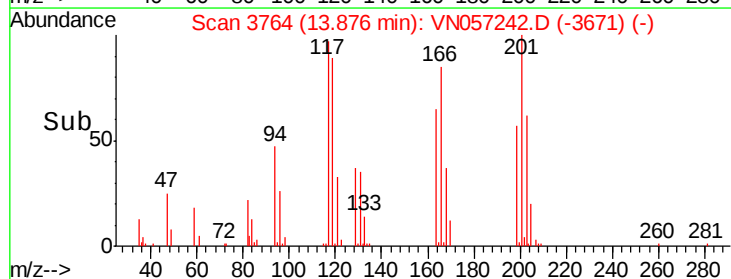
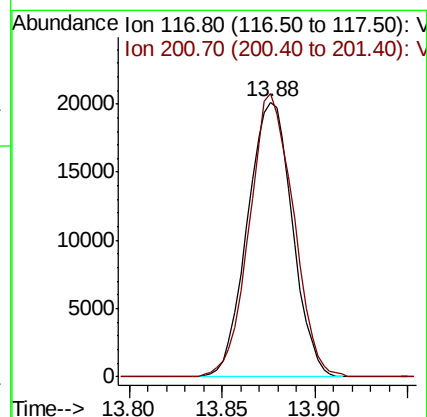
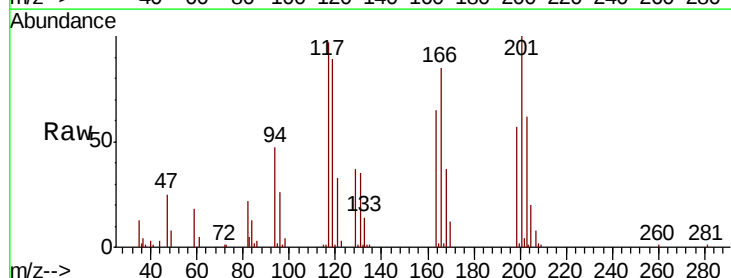
Acq: 13 Aug 2019 11:51

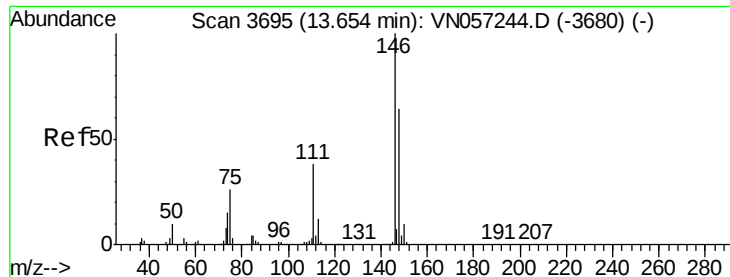
Tgt Ion: 117 Resp: 33747

Ion Ratio Lower Upper

117 100

201 101.1 49.5 148.5





#91

1,2-Dichlorobenzene

Concen: 4.723 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

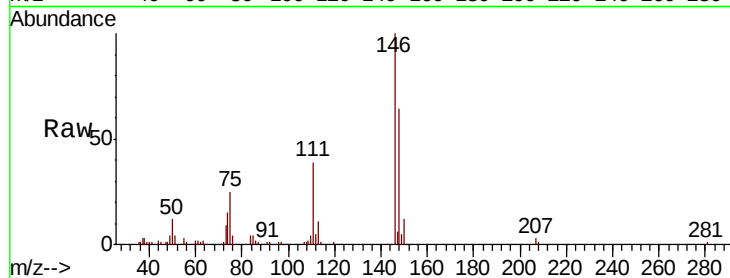
Tgt Ion:146 Resp: 70727

Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

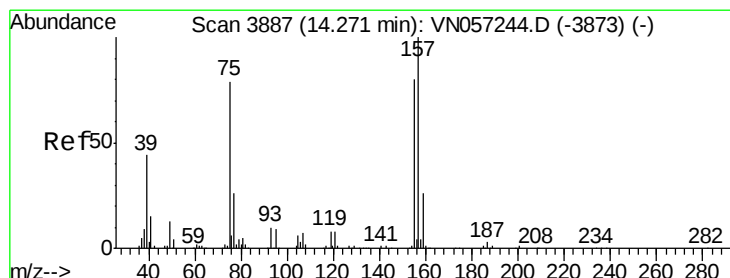
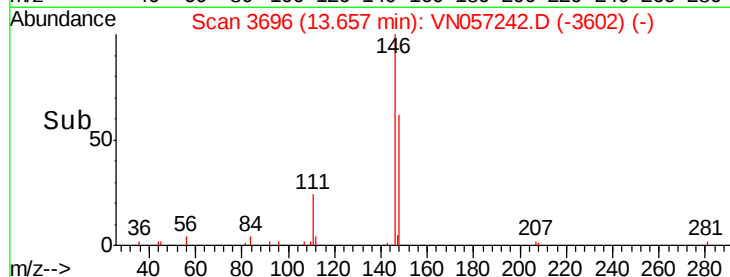
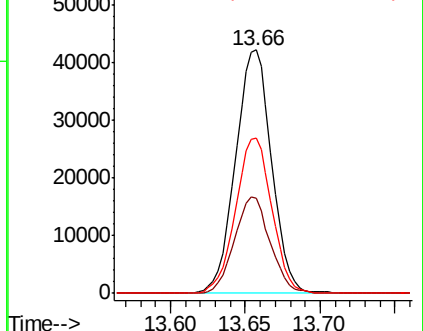
148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.806 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN057242.D

Acq: 13 Aug 2019 11:51

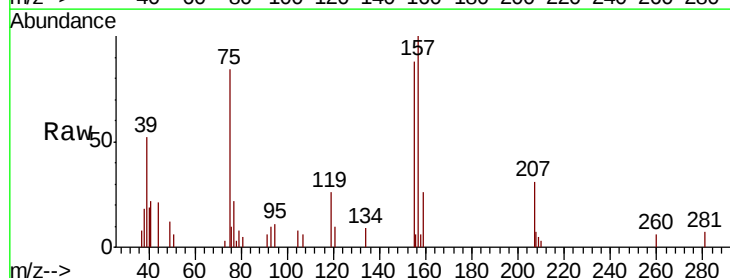
Tgt Ion: 75 Resp: 6734

Ion Ratio Lower Upper

75 100

155 100.5 50.3 151.0

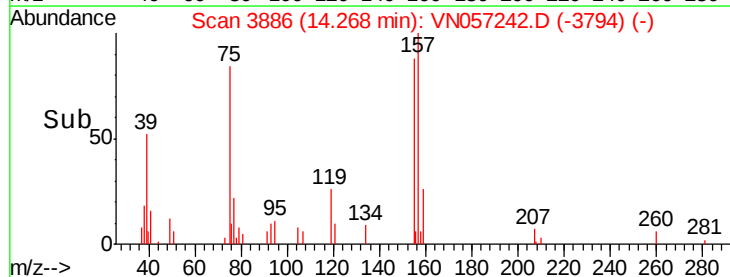
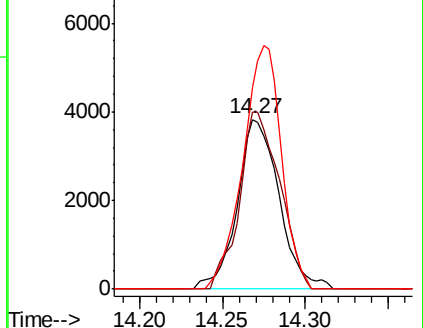
157 131.6 65.3 195.9

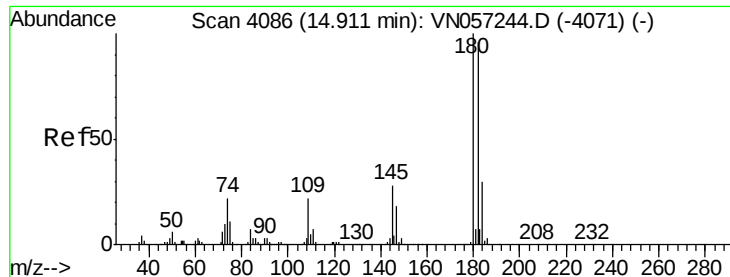


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

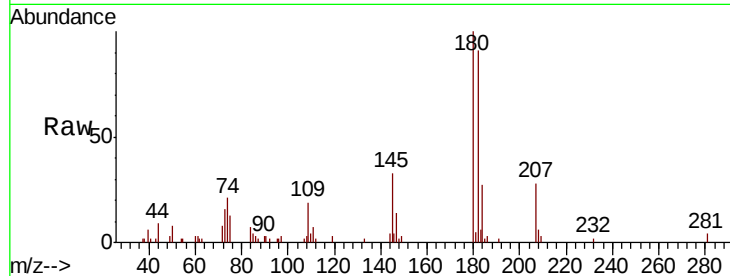




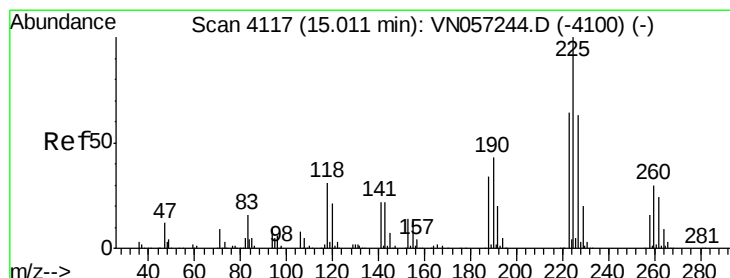
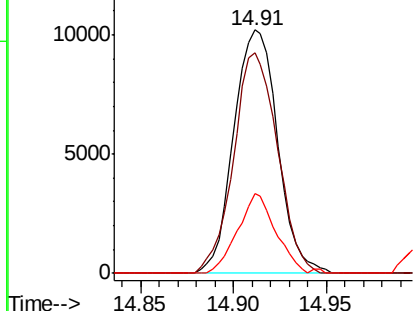
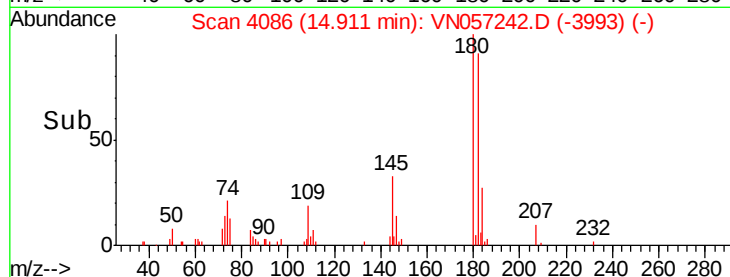
#93
 1,2,4-Trichlorobenzene
 Concen: 2.595 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion:180 Resp: 16795
 Ion Ratio Lower Upper
 180 100
 182 90.5 47.7 143.1
 145 28.3 14.2 42.6

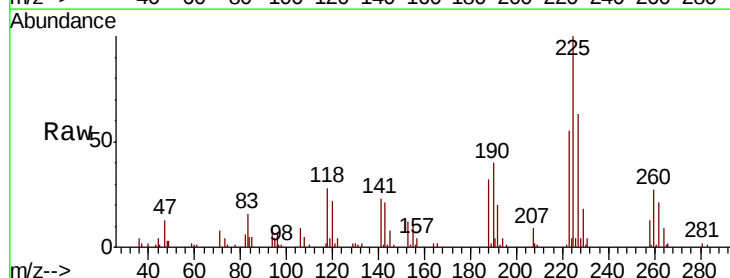


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

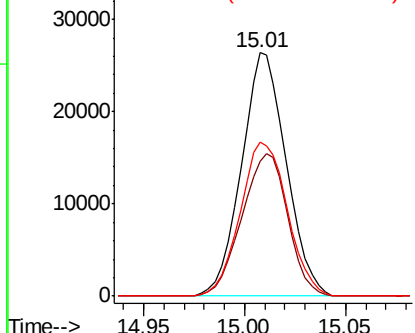
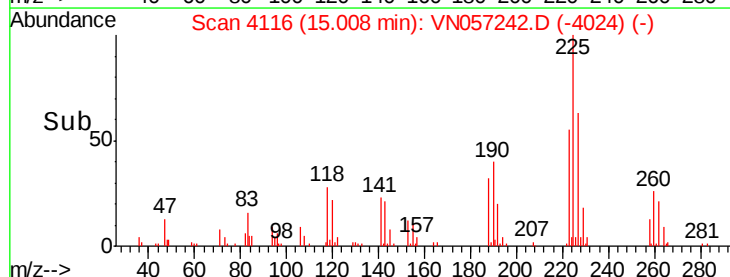


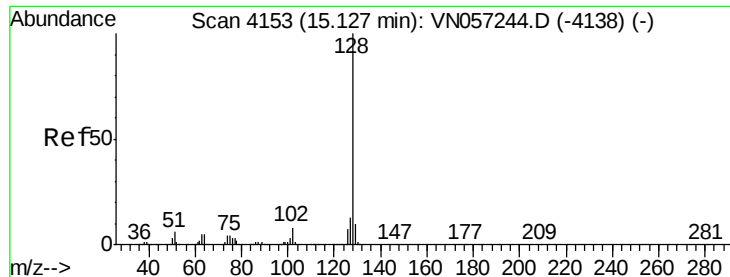
#94
 Hexachlorobutadiene
 Concen: 7.356 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN057242.D
 Acq: 13 Aug 2019 11:51

Tgt Ion:225 Resp: 40917
 Ion Ratio Lower Upper
 225 100
 223 59.9 31.4 94.2
 227 66.8 31.4 94.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

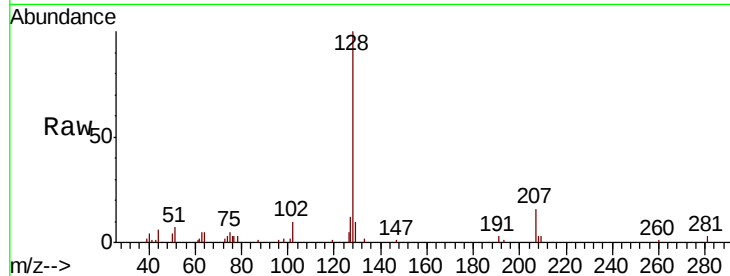




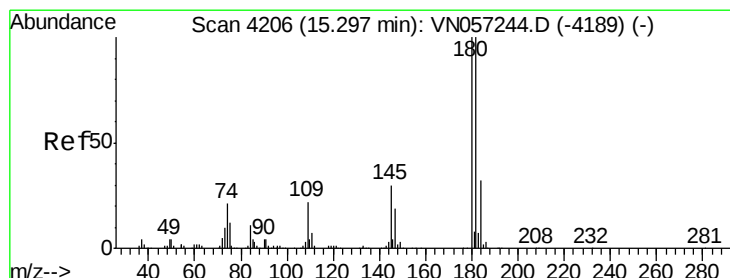
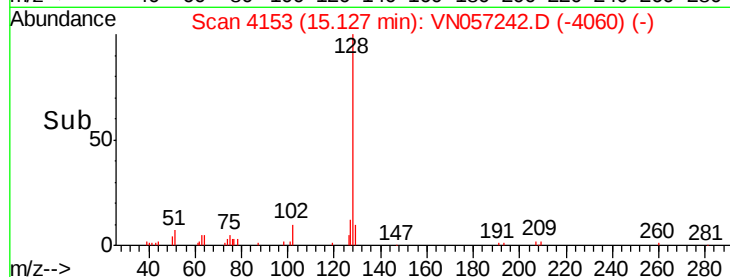
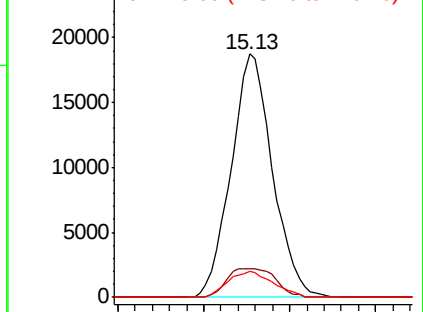
#95
Naphthalene
Concen: 1.888 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 31382
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 11.6 8.5 12.7

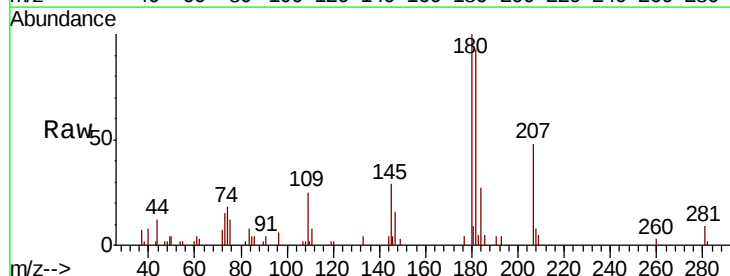


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 2.312 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057242.D
Acq: 13 Aug 2019 11:51

Tgt Ion:180 Resp: 15257
Ion Ratio Lower Upper
180 100
182 96.9 48.9 146.7
145 33.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

