

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062419.D
 Acq On : 8 Jul 2020 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 09 02:24:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158111	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.55	113	111091	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.06	98	445434	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	161271	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	97781	47.988	ug/l	97
3) Chloromethane	2.04	50	153070	46.819	ug/l	99
4) Vinyl Chloride	2.16	62	130675	48.785	ug/l	98
5) Bromomethane	2.52	94	68382	47.534	ug/l	98
6) Chloroethane	2.67	64	77580	49.728	ug/l	97
7) Trichlorofluoromethane	2.98	101	165560	48.667	ug/l	99
8) Diethyl Ether	3.37	74	75646	49.728	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98232	48.711	ug/l	99
10) Methyl Iodide	3.91	142	134798	50.623	ug/l	100
11) Tert butyl alcohol	4.73	59	120545	236.179	ug/l	99
12) 1,1-Dichloroethene	3.70	96	99972	48.691	ug/l	95
13) Acrolein	3.57	56	87083	236.517	ug/l	98
14) Allyl chloride	4.27	41	235794	48.830	ug/l	99
15) Acrylonitrile	4.93	53	341307	254.973	ug/l	99
16) Acetone	3.78	43	286122	219.033	ug/l	99
17) Carbon Disulfide	4.01	76	304539	47.335	ug/l	99
18) Methyl Acetate	4.28	43	154872	47.508	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	383642	49.283	ug/l	99
20) Methylene Chloride	4.50	84	126799	45.399	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	109720	49.327	ug/l	99
22) Diisopropyl ether	5.91	45	480822	50.399	ug/l	95
23) Vinyl Acetate	5.84	43	2025518	256.296	ug/l	100
24) 1,1-Dichloroethane	5.80	63	243801	49.454	ug/l	98
25) 2-Butanone	6.79	43	469906	246.312	ug/l	100
26) 2,2-Dichloropropane	6.78	77	173361	45.863	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	128638	49.929	ug/l	99
28) Bromochloromethane	7.15	49	134118	50.075	ug/l	100
29) Tetrahydrofuran	7.17	42	323289	251.702	ug/l	100
30) Chloroform	7.33	83	222639	50.018	ug/l	99
31) Cyclohexane	7.61	56	217979	46.641	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	184247	49.762	ug/l	100
36) 1,1-Dichloropropene	7.75	75	171659	48.253	ug/l	99
37) Ethyl Acetate	6.88	43	195894	47.092	ug/l	100
38) Carbon Tetrachloride	7.73	117	156557	48.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	183965	48.437	ug/l	99
40) Benzene	8.00	78	511996	48.832	ug/l	100
41) Methacrylonitrile	7.13	41	88341	50.829	ug/l	99
42) 1,2-Dichloroethane	8.09	62	190364	49.586	ug/l	100
43) Isopropyl Acetate	8.13	43	325345	49.509	ug/l	99
44) Trichloroethene	8.80	130	113002	48.576	ug/l	97
45) 1,2-Dichloropropane	9.08	63	149595	49.149	ug/l	99
46) Dibromomethane	9.18	93	84058	48.939	ug/l	99
47) Bromodichloromethane	9.37	83	180896	49.261	ug/l	99
48) Methyl methacrylate	9.17	41	159669	49.533	ug/l	100
49) 1,4-Dioxane	9.17	88	48270	1028.816	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	990188	252.280	ug/l	100
52) Toluene	10.12	92	301584	49.798	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	204198	49.633	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	221889	48.881	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	119341	50.103	ug/l	97
56) Ethyl methacrylate	10.40	69	207984	47.534	ug/l	99
57) 1,3-Dichloropropane	10.68	76	219701	49.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	354624	250.956	ug/l	99
59) 2-Hexanone	10.72	43	718456	252.142	ug/l	99
60) Dibromochloromethane	10.87	129	126870	49.124	ug/l	99
61) 1,2-Dibromoethane	10.98	107	119874	49.855	ug/l	99
64) Tetrachloroethene	10.60	164	91445	47.955	ug/l	99
65) Chlorobenzene	11.41	112	311572	49.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	113586	49.317	ug/l	98
67) Ethyl Benzene	11.48	91	587032	50.073	ug/l	99
68) m/p-Xylenes	11.60	106	419437	101.065	ug/l	99
69) o-Xylene	11.92	106	203357	50.326	ug/l	99
70) Styrene	11.94	104	351069	52.569	ug/l	99
71) Bromoform	12.10	173	87141	51.612	ug/l #	98
73) Isopropylbenzene	12.22	105	551176	47.639	ug/l	99
74) N-amyl acetate	12.05	43	284929	50.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	184647	47.465	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	240779	65.633	ug/l #	100
77) Bromobenzene	12.50	156	125283	47.631	ug/l	97
78) n-propylbenzene	12.57	91	647466	47.908	ug/l	100
79) 2-Chlorotoluene	12.65	91	388958	47.420	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	465489	49.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	62922	45.908	ug/l	99
82) 4-Chlorotoluene	12.75	91	403035	48.400	ug/l	100
83) tert-Butylbenzene	12.97	119	386867	48.065	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	457864	48.567	ug/l	100
85) sec-Butylbenzene	13.15	105	520304	48.783	ug/l	100
86) p-Isopropyltoluene	13.26	119	451563	49.054	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	220733	48.645	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	221306	47.399	ug/l	99
89) n-Butylbenzene	13.59	91	388389	47.783	ug/l	100
90) Hexachloroethane	13.85	117	87132	48.117	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	215693	49.163	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34427	48.494	ug/l	99

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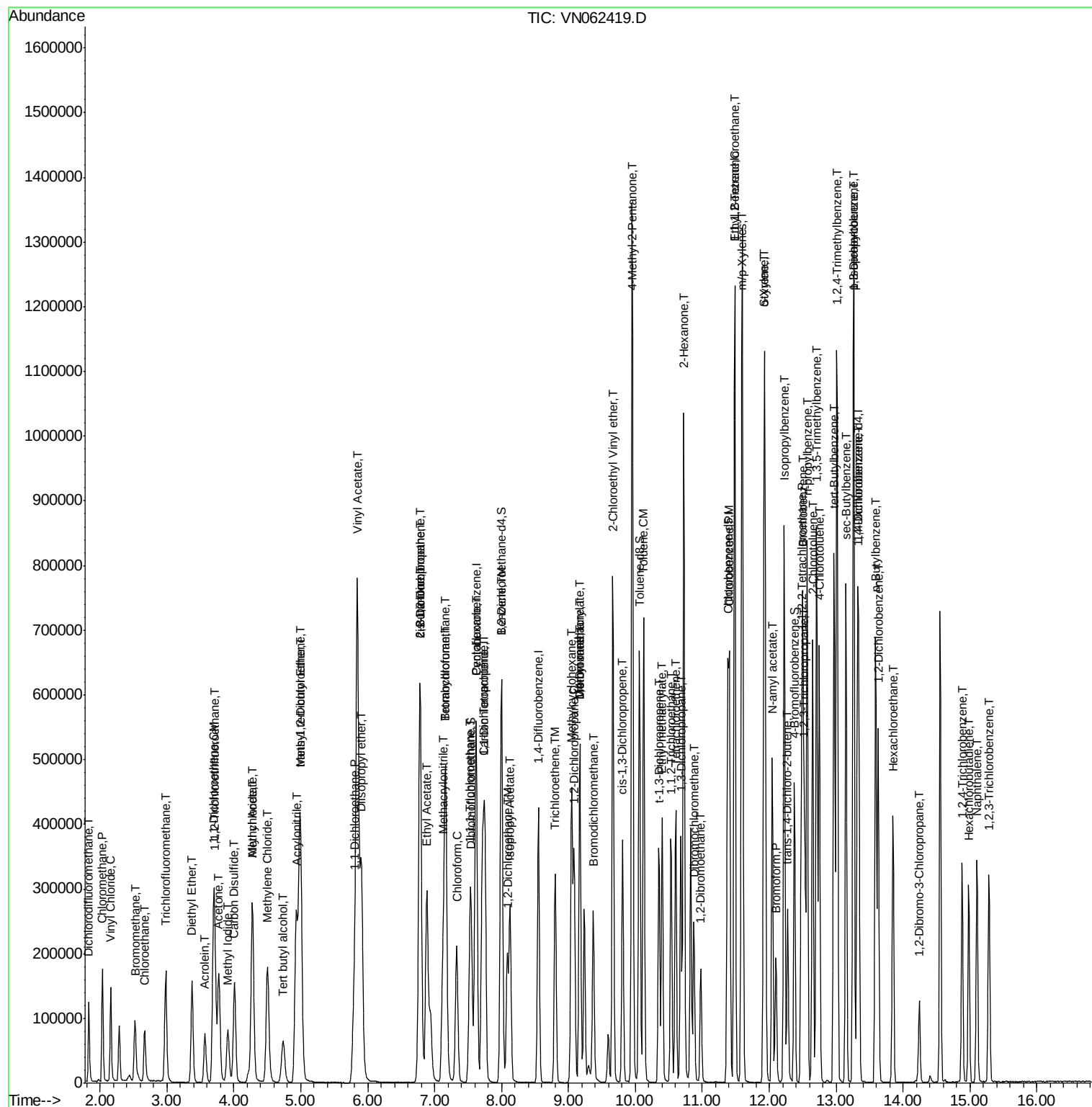
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	103198	49.578	ug/l	97
94) Hexachlorobutadiene	14.98	225	55781	47.886	ug/l	98
95) Naphthalene	15.10	128	277651	48.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	101288	43.335	ug/l	99

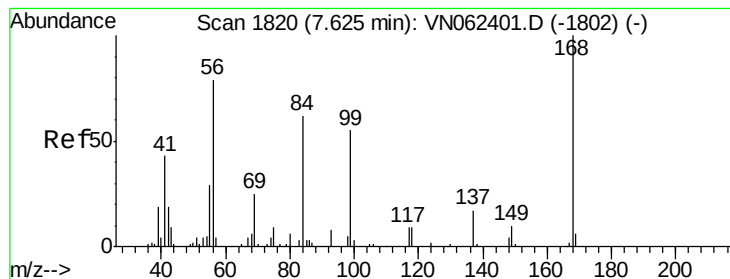
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

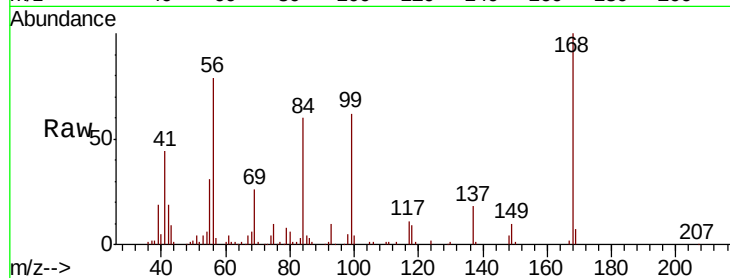
VSTDCCC050EC

Tot Ion:168 Resp: 200039

Ion Ratio Lower Upper

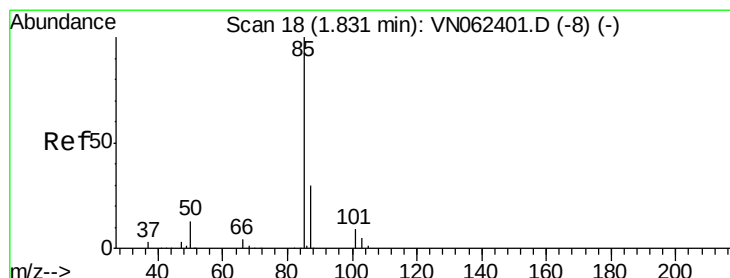
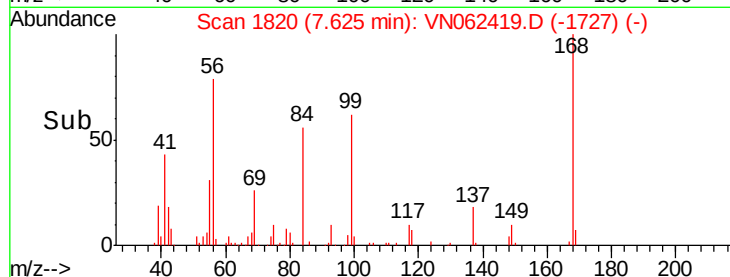
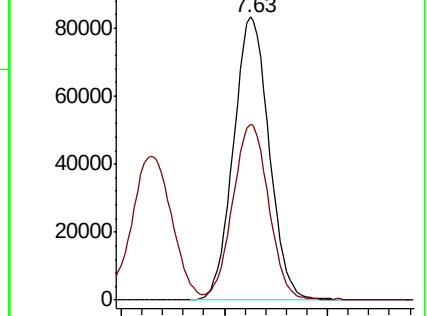
168 100

99 61.8 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 47.988 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062419.D

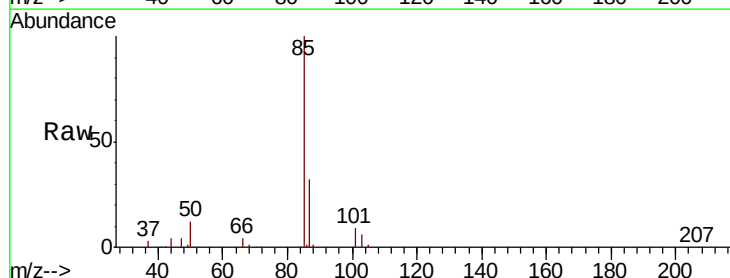
Acq: 8 Jul 2020 20:15

Tgt Ion: 85 Resp: 97781

Ion Ratio Lower Upper

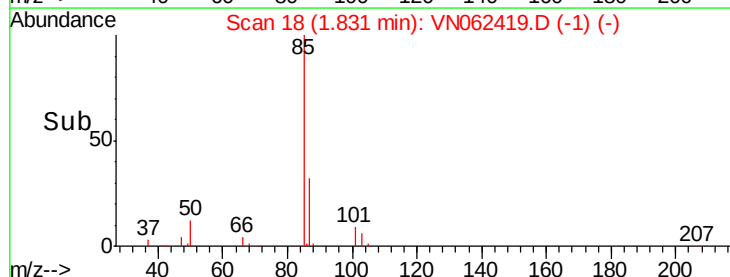
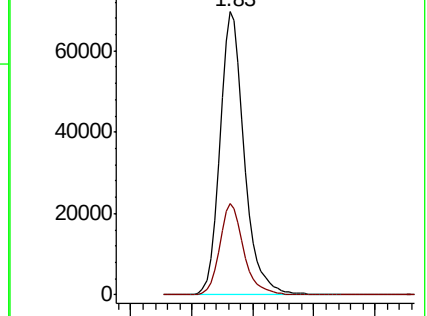
85 100

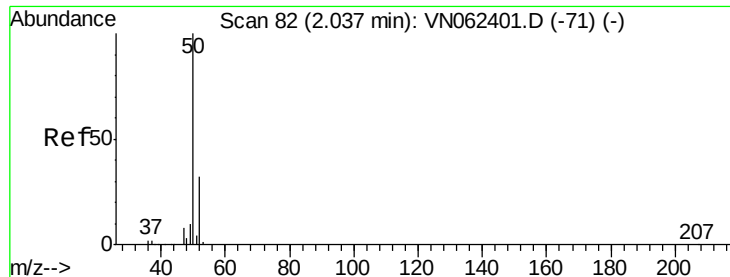
87 32.1 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 46.819 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

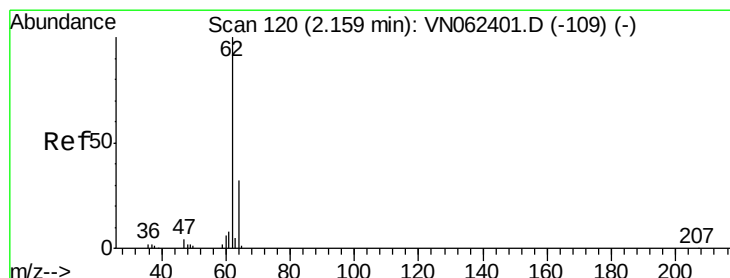
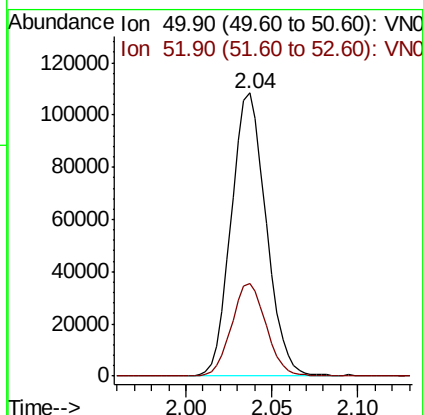
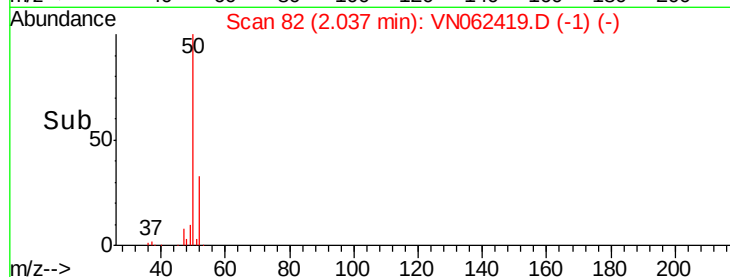
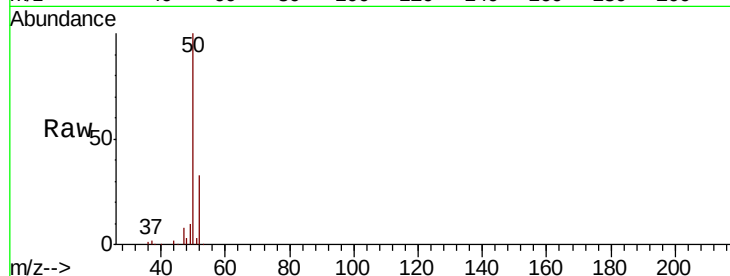
VSTDCCC050EC

Tot Ion: 50 Resp: 153070

Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3



#4

Vinyl Chloride

Concen: 48.785 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062419.D

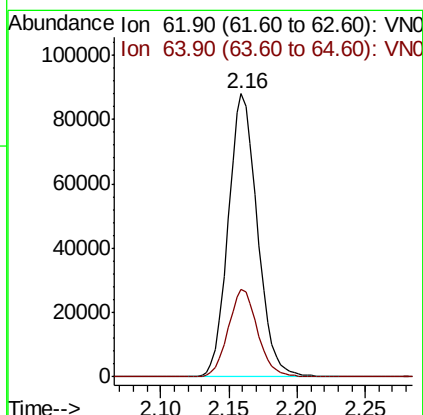
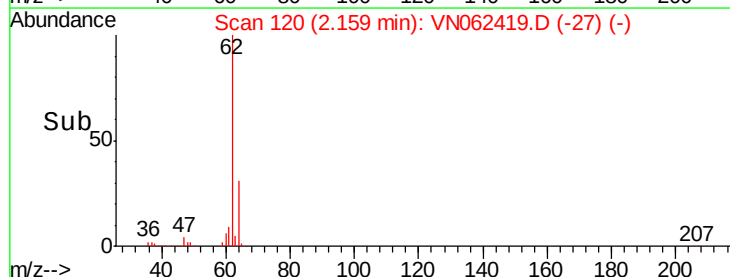
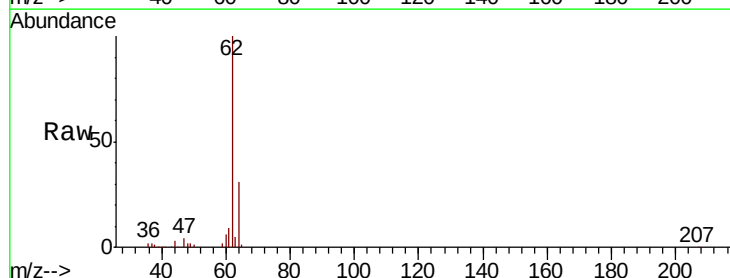
Acq: 8 Jul 2020 20:15

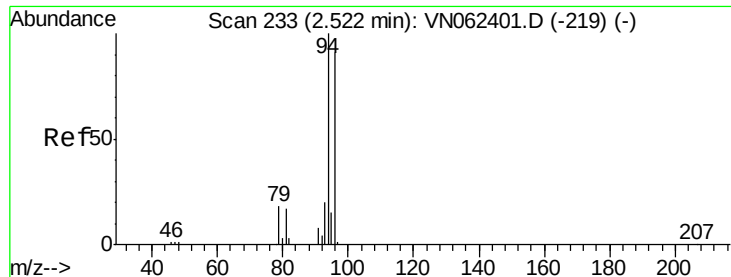
Tgt Ion: 62 Resp: 130675

Ion Ratio Lower Upper

62 100

64 30.9 25.7 38.5





#5

Bromomethane

Concen: 47.534 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

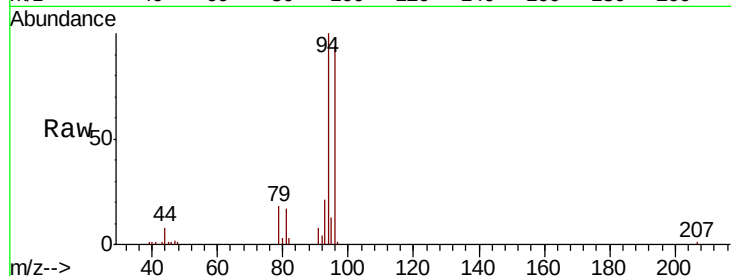
VSTDCCC050EC

Tot Ion: 94 Resp: 68382

Ion Ratio Lower Upper

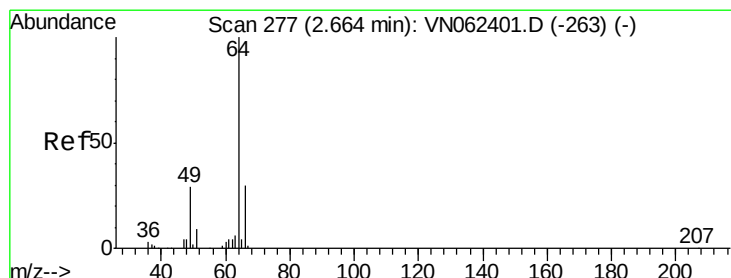
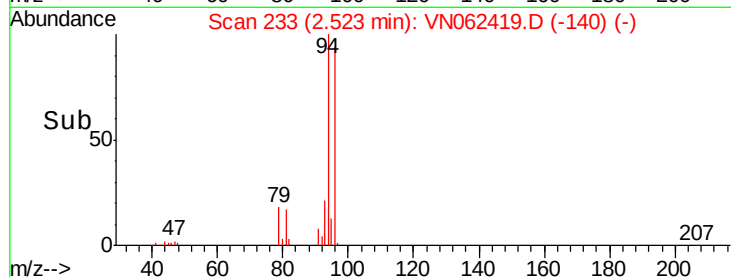
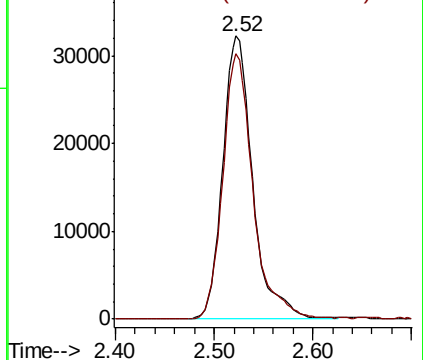
94 100

96 93.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.728 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062419.D

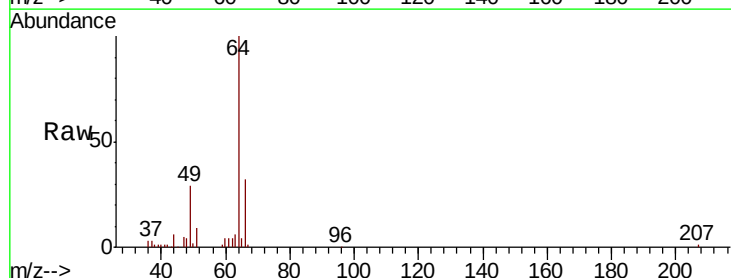
Acq: 8 Jul 2020 20:15

Tgt Ion: 64 Resp: 77580

Ion Ratio Lower Upper

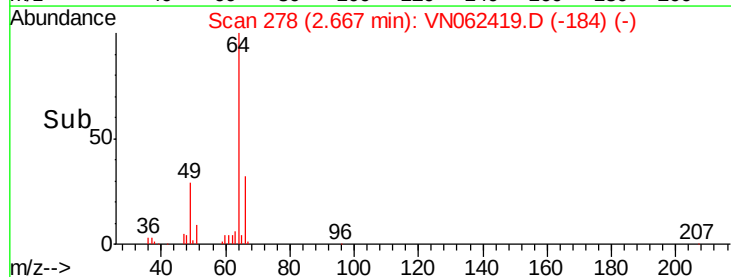
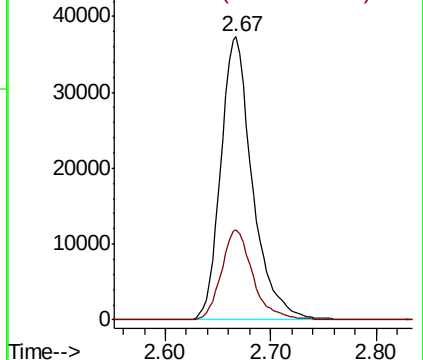
64 100

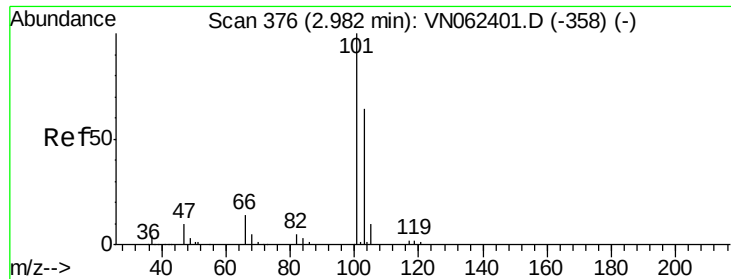
66 32.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



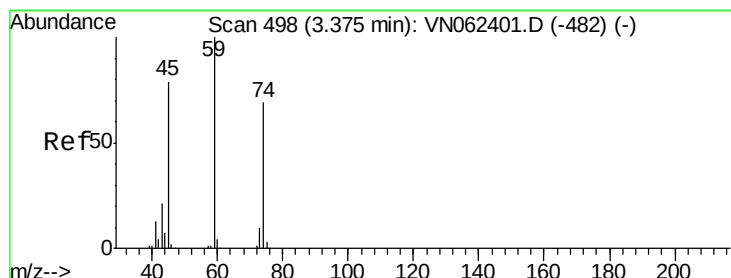
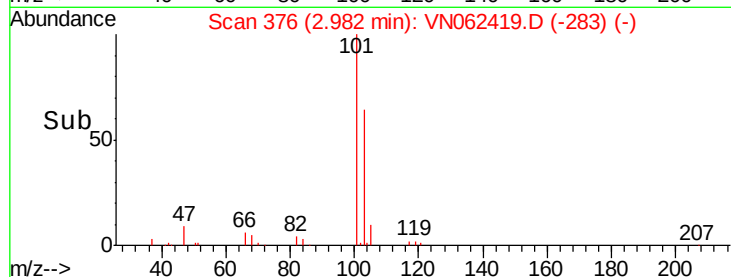
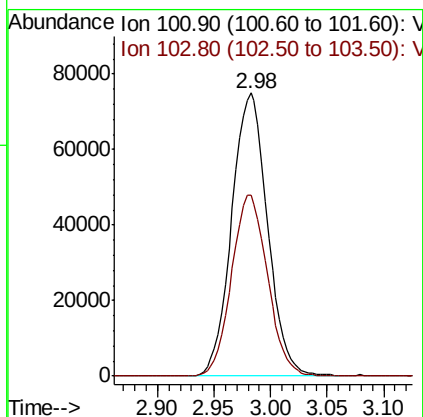
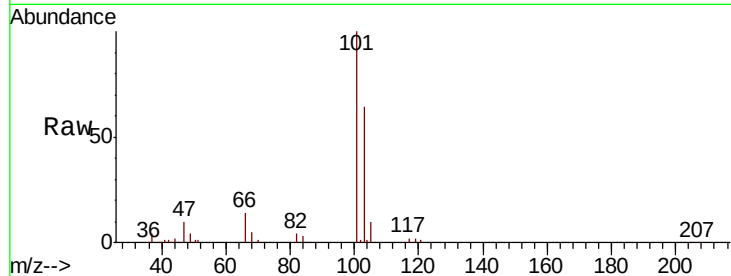


#7

Trichlorofluoromethane
 Concen: 48.667 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Instrument :
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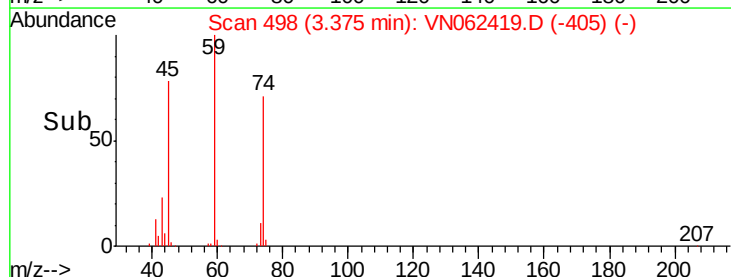
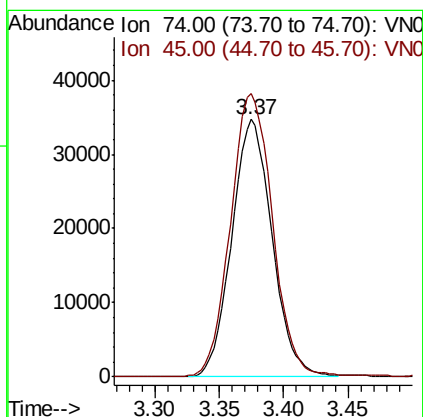
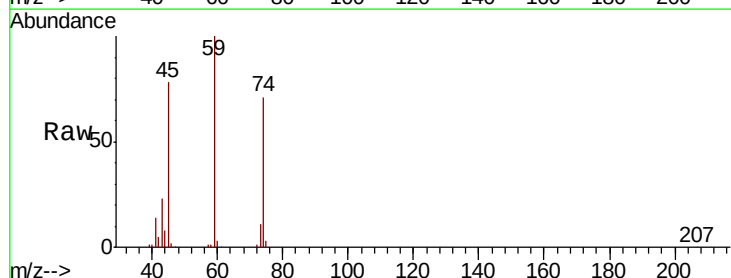
Tot Ion:101 Resp: 165560
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

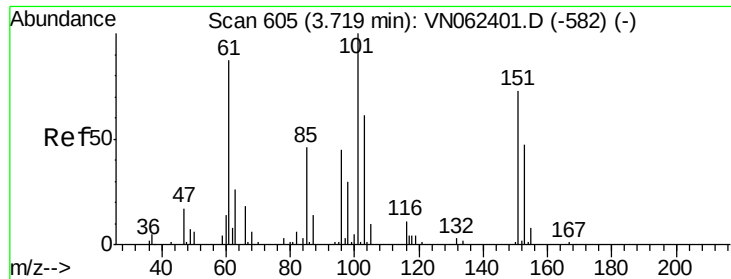


#8

Diethyl Ether
 Concen: 49.728 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 74 Resp: 75646
 Ion Ratio Lower Upper
 74 100
 45 114.7 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.711 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

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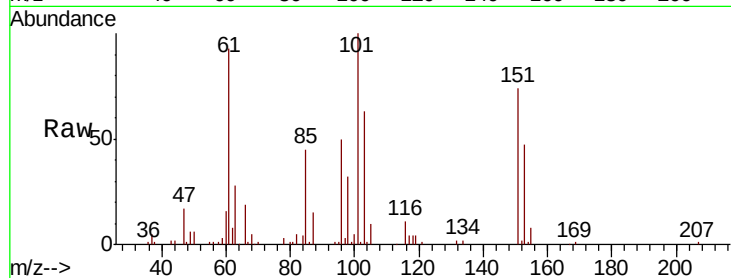
Tot Ion:101 Resp: 98232

Ion Ratio Lower Upper

101 100

85 46.1 36.7 55.1

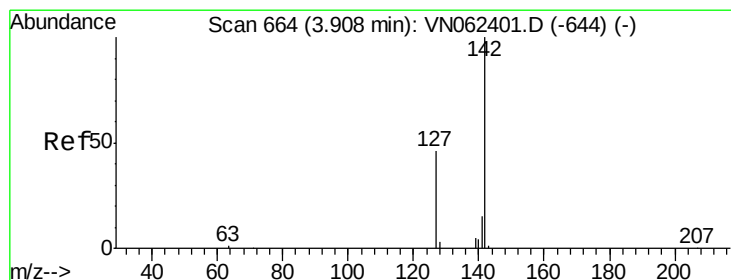
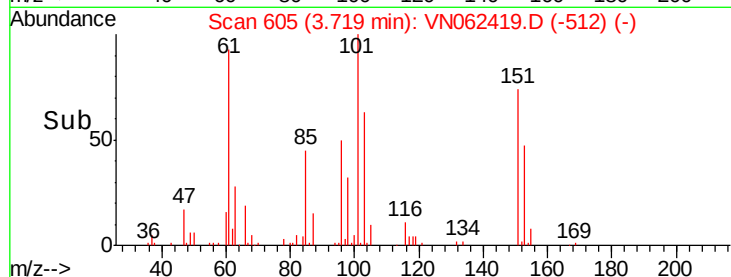
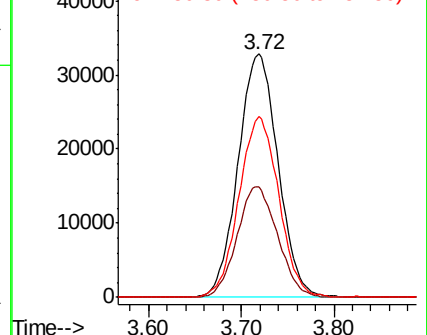
151 74.0 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.623 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

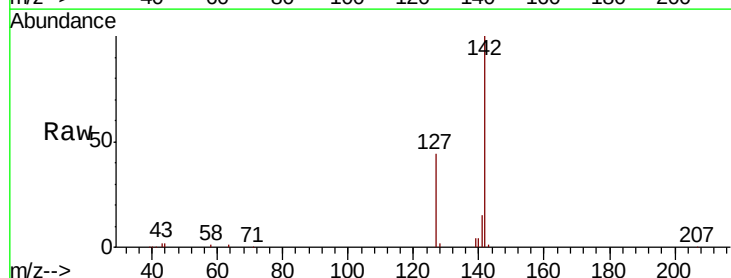
Tgt Ion:142 Resp: 134798

Ion Ratio Lower Upper

142 100

127 44.9 36.1 54.1

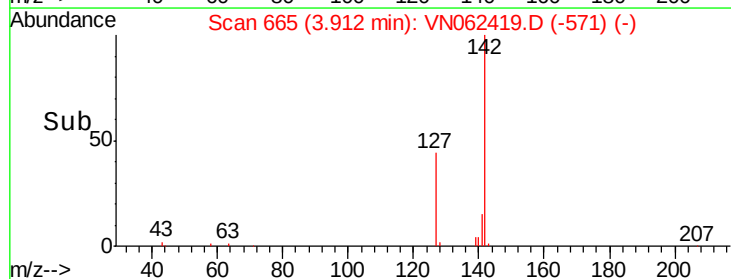
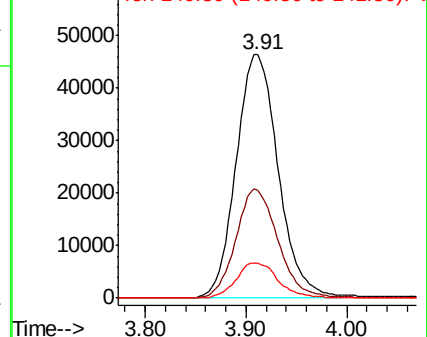
141 14.4 11.4 17.0

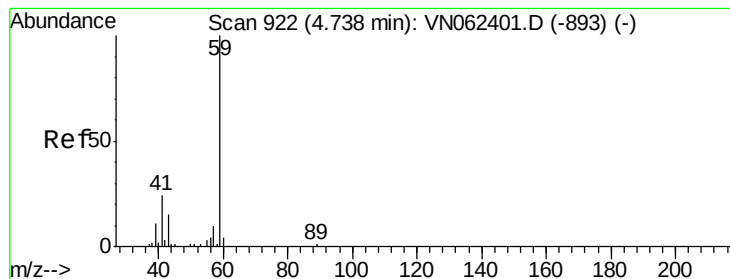


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



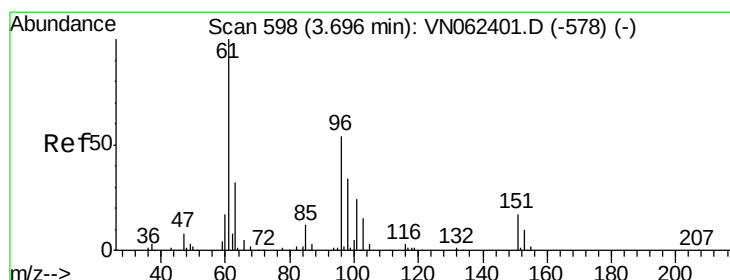
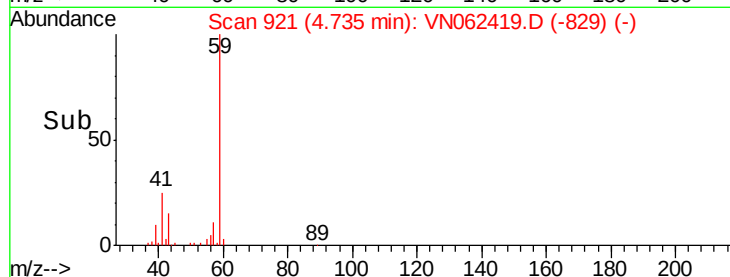
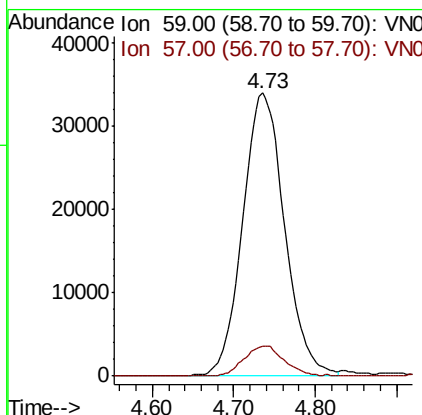
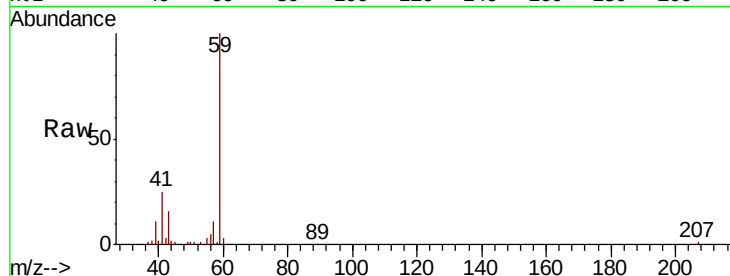


#11

Tert butyl alcohol
 Concen: 236.179 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

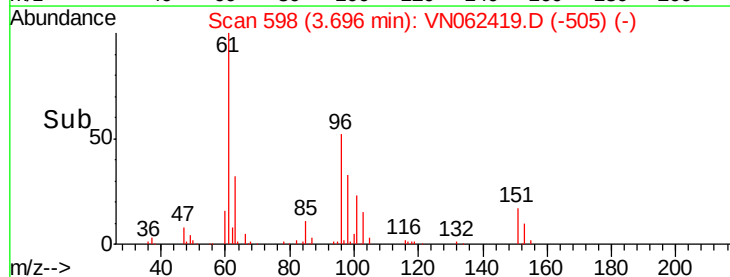
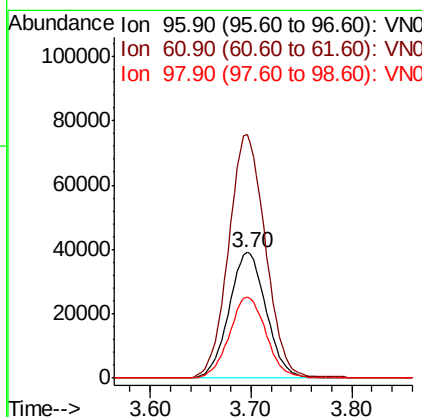
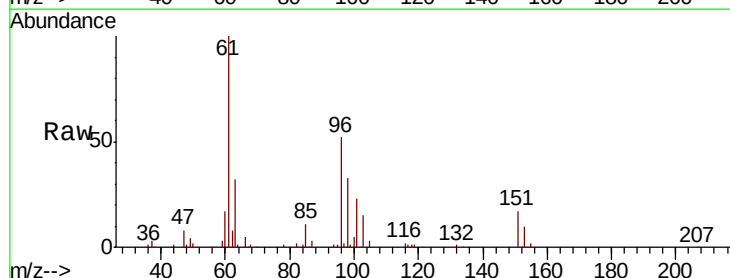
Tot Ion: 59 Resp: 120545
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

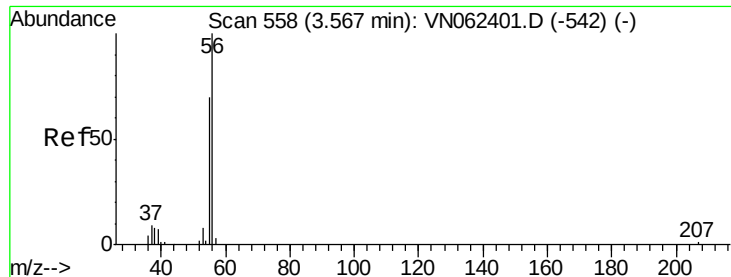


#12

1,1-Dichloroethene
 Concen: 48.691 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 96 Resp: 99972
 Ion Ratio Lower Upper
 96 100
 61 193.5 147.4 221.0
 98 64.8 50.4 75.6

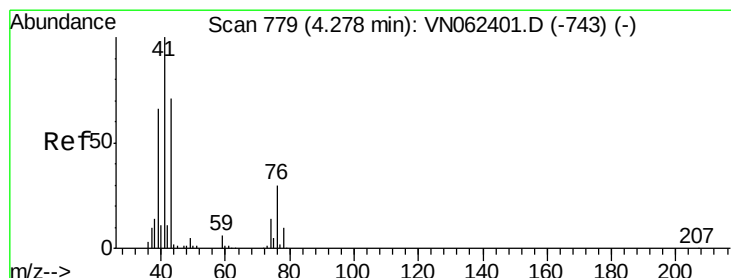
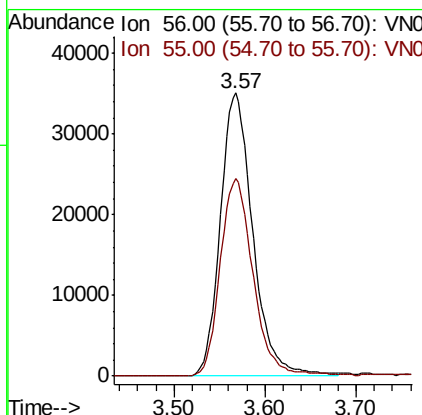
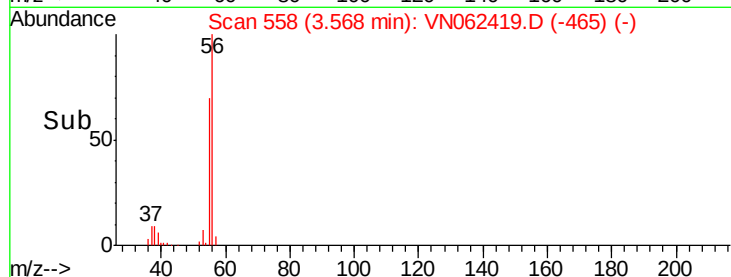
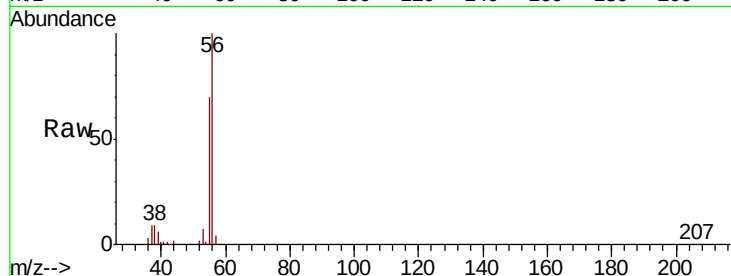




#13
Acrolein
Concen: 236.517 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

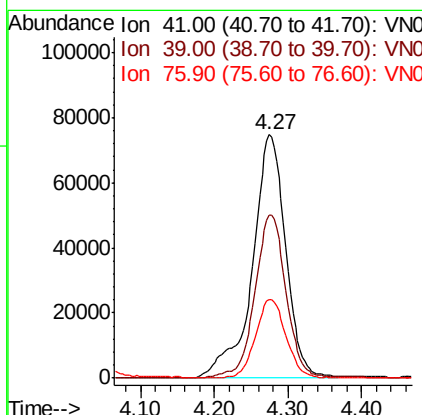
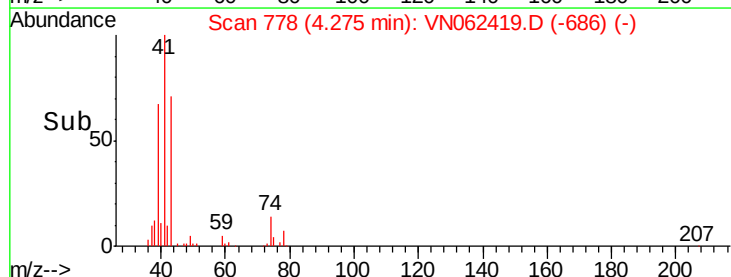
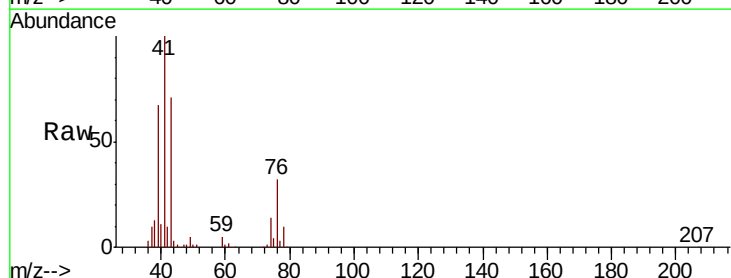
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

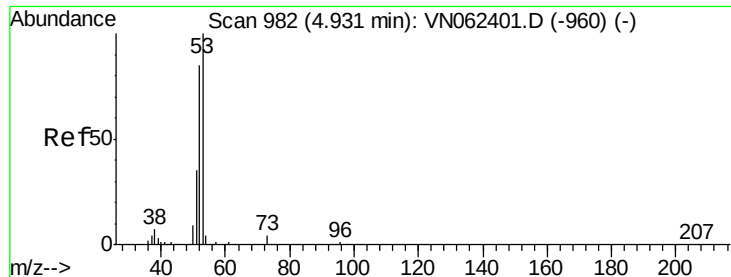
Tot Ion: 56 Resp: 87083
Ion Ratio Lower Upper
56 100
55 70.1 57.2 85.8



#14
Allyl chloride
Concen: 48.830 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 41 Resp: 235794
Ion Ratio Lower Upper
41 100
39 62.7 49.6 74.4
76 28.6 22.2 33.4





#15

Acrylonitrile

Concen: 254.973 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

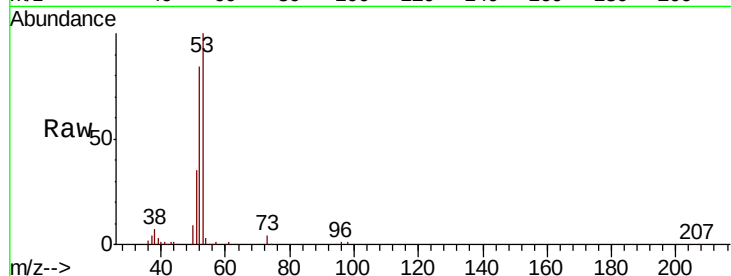
Tot Ion: 53 Resp: 341307

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.4

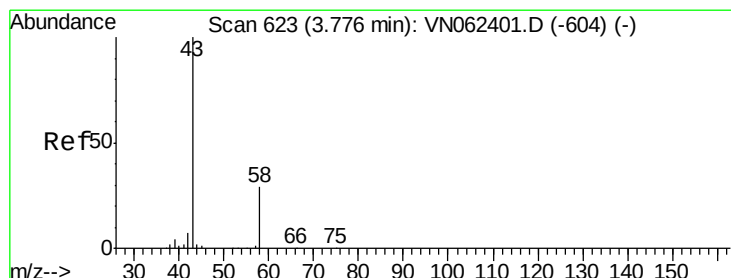
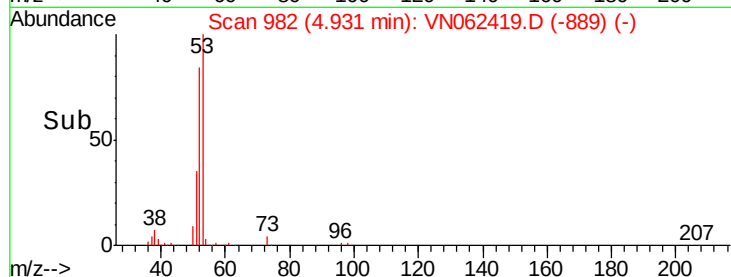
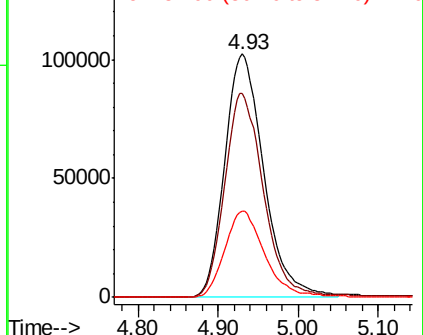
51 36.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062419.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062419.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062419.D (-960) (-)



#16

Acetone

Concen: 219.033 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062419.D

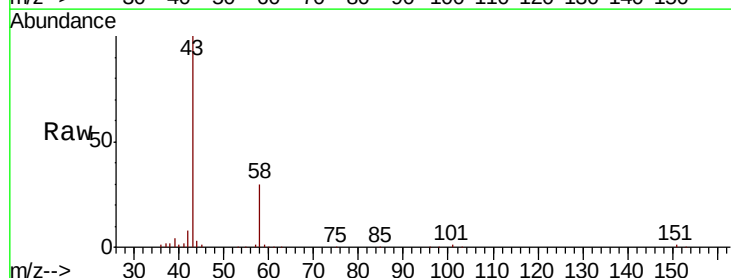
Acq: 8 Jul 2020 20:15

Tgt Ion: 43 Resp: 286122

Ion Ratio Lower Upper

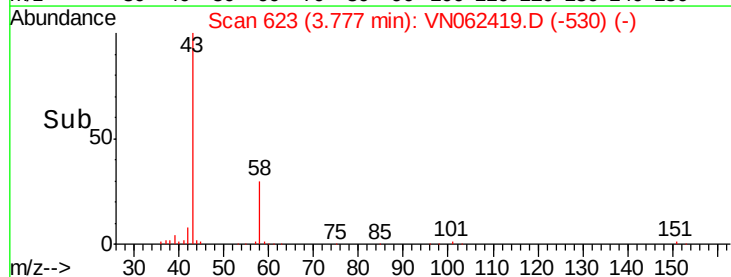
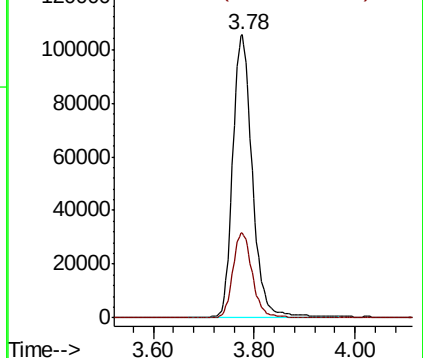
43 100

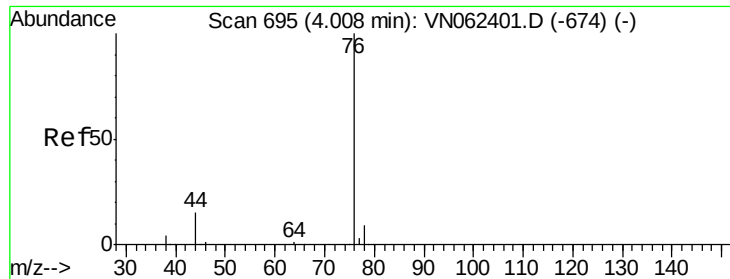
58 30.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062419.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062419.D (-604) (-)

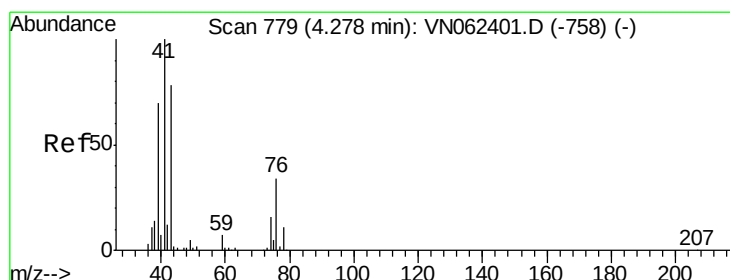
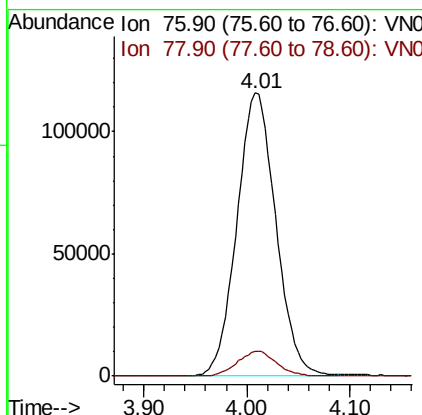
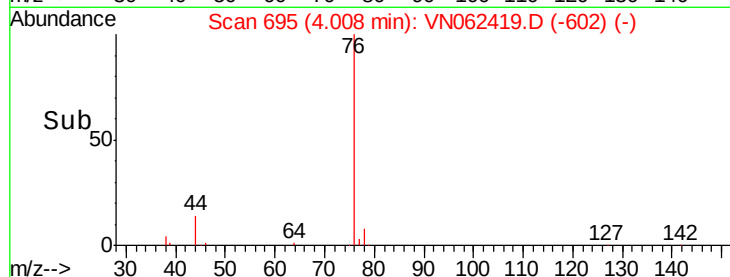
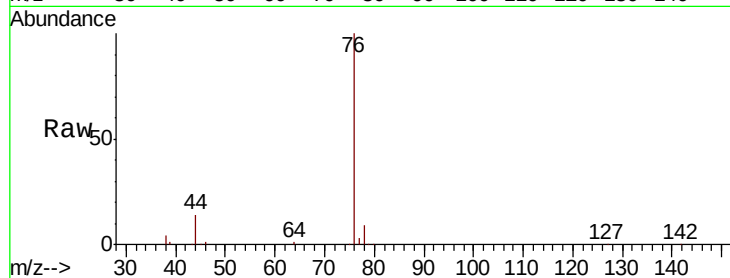




#17
Carbon Disulfide
Concen: 47.335 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

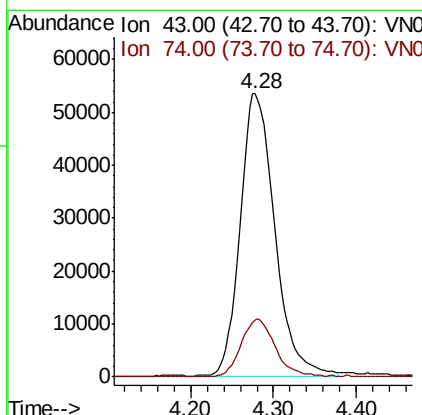
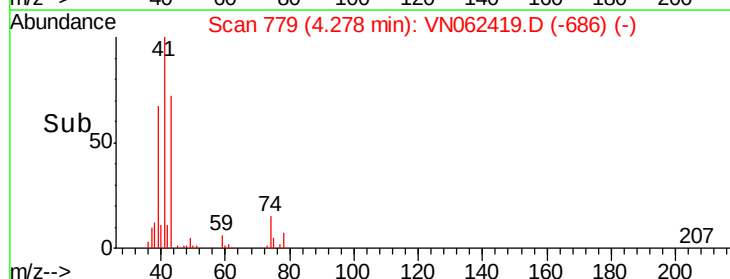
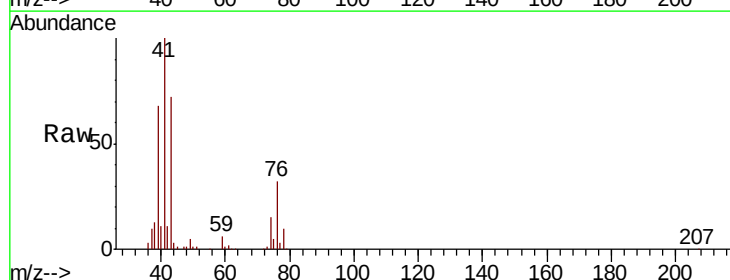
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

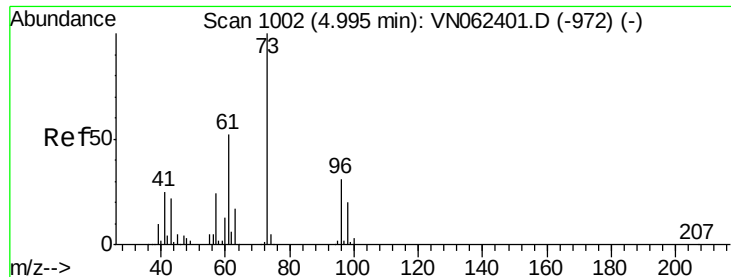
Tot Ion: 76 Resp: 304539
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 47.508 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 43 Resp: 154872
Ion Ratio Lower Upper
43 100
74 20.1 16.0 24.0

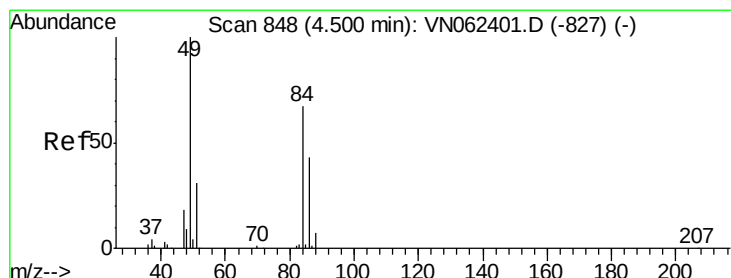
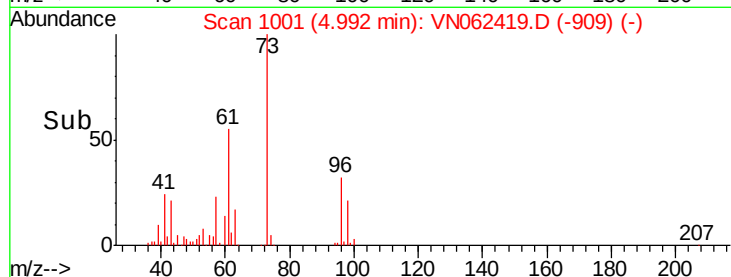
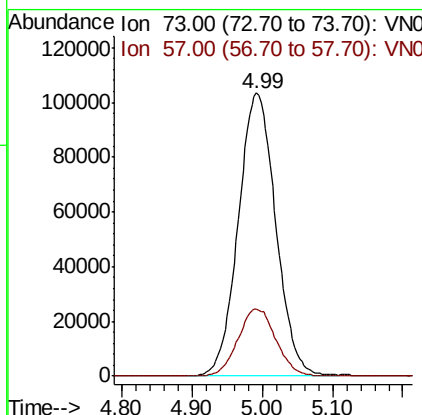
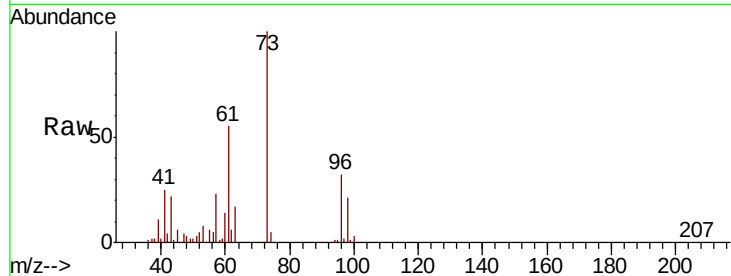




#19
Methyl tert-butyl Ether
Concen: 49.283 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

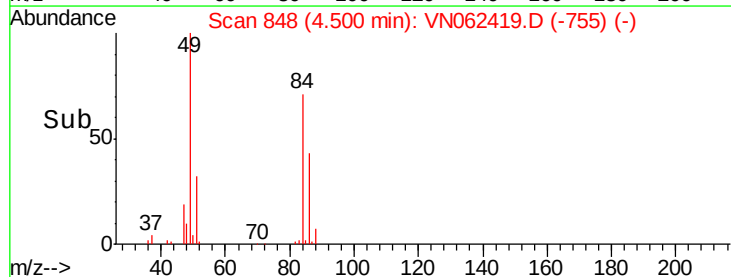
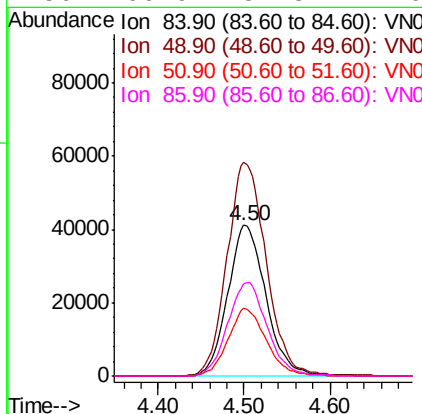
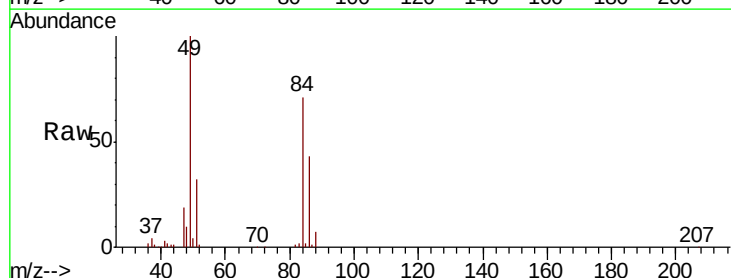
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

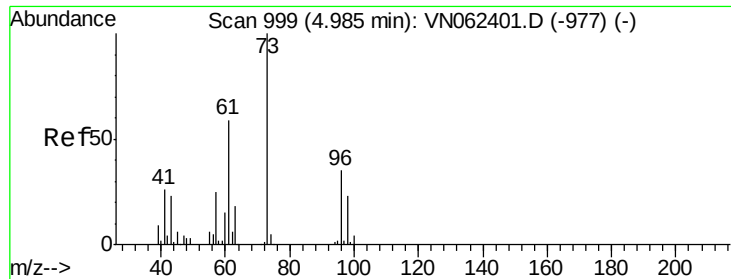
Tot Ion: 73 Resp: 383642
Ion Ratio Lower Upper
73 100
57 23.5 19.4 29.0



#20
Methylene Chloride
Concen: 45.399 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 84 Resp: 126799
Ion Ratio Lower Upper
84 100
49 141.0 120.0 180.0
51 45.1 37.0 55.6
86 60.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.327 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

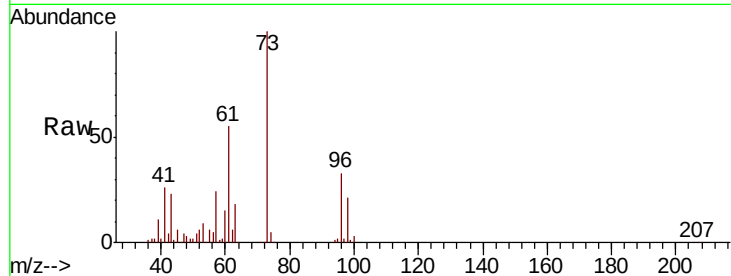
Tot Ion: 96 Resp: 109720

Ion Ratio Lower Upper

96 100

61 169.6 133.5 200.3

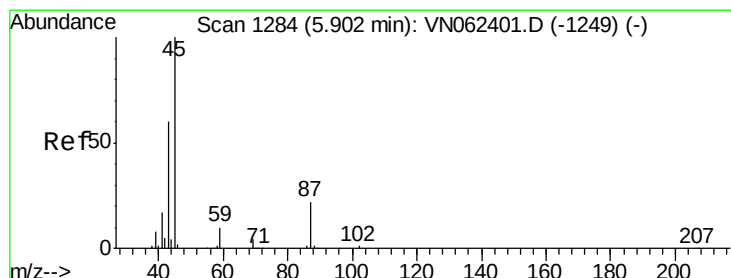
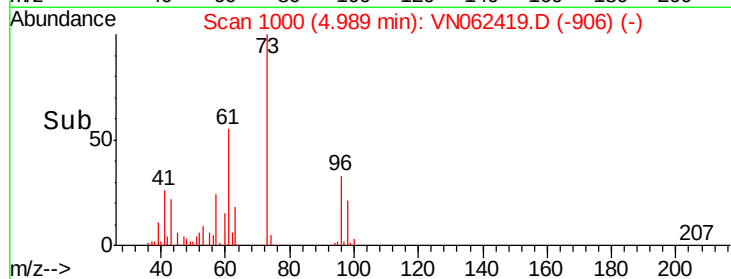
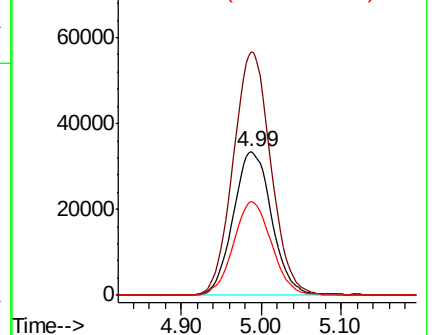
98 65.0 51.9 77.9



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



#22

Diisopropyl ether

Concen: 50.399 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Tgt Ion: 45 Resp: 480822

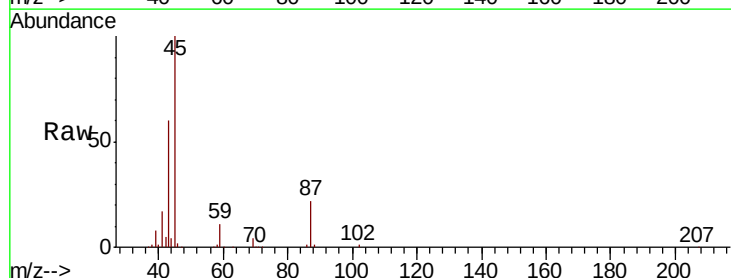
Ion Ratio Lower Upper

45 100

43 57.8 50.1 75.1

87 21.9 18.2 27.4

59 10.7 8.2 12.2

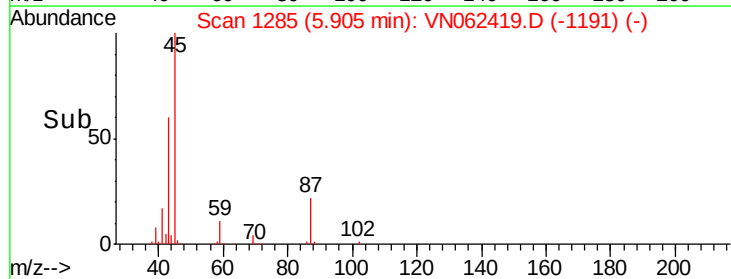
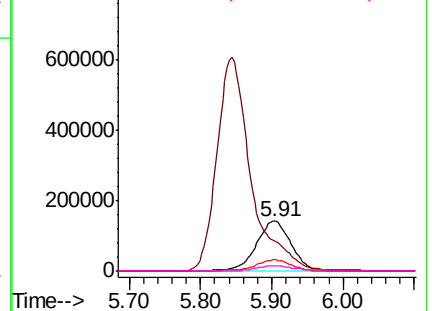


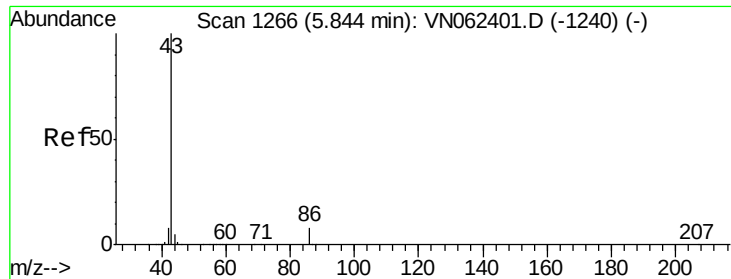
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 256.296 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

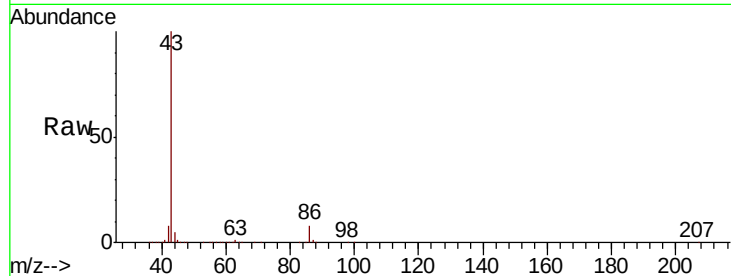
VSTDCCC050EC

Tot Ion: 43 Resp: 2025518

Ion Ratio Lower Upper

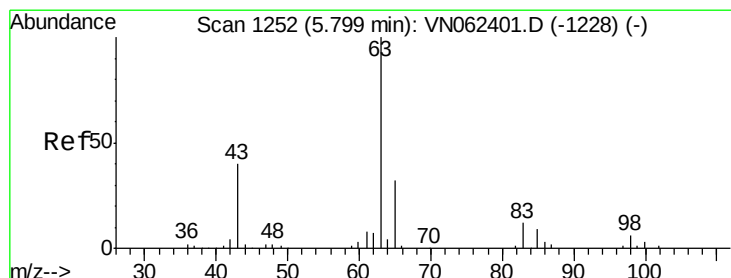
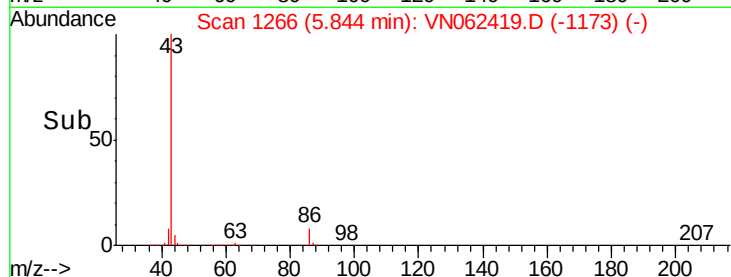
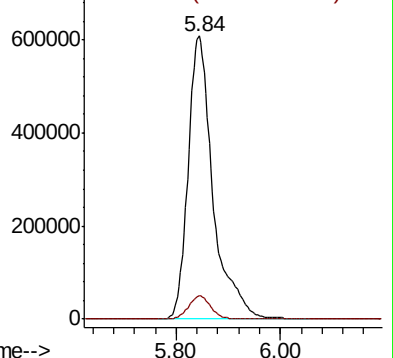
43 100

86 8.3 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.454 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

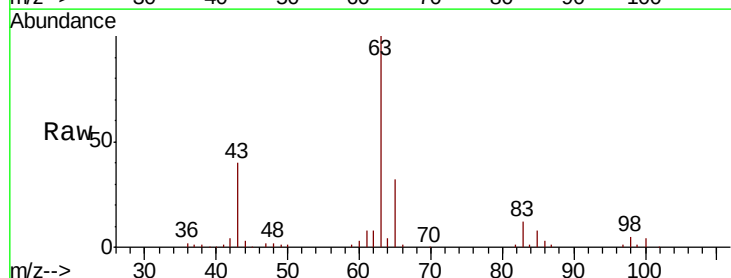
Tgt Ion: 63 Resp: 243801

Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.8

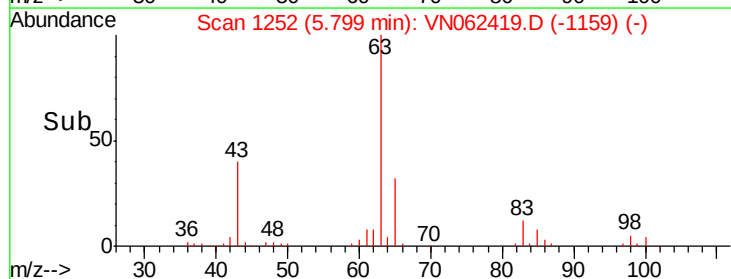
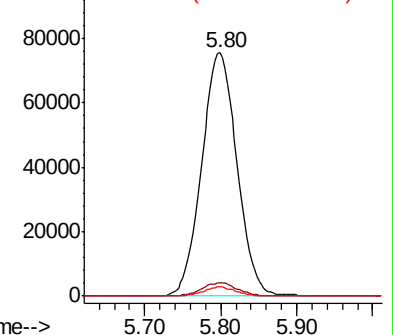
100 3.8 1.8 5.3

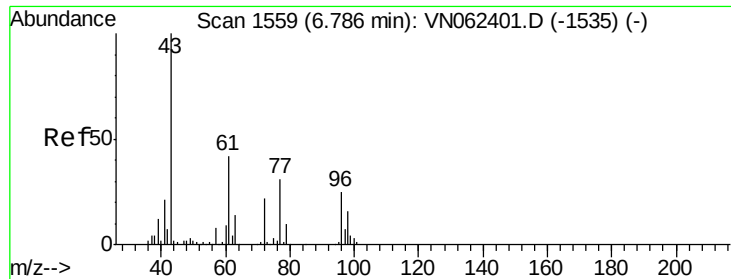


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

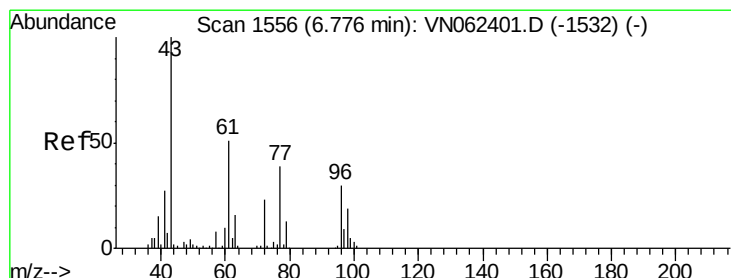
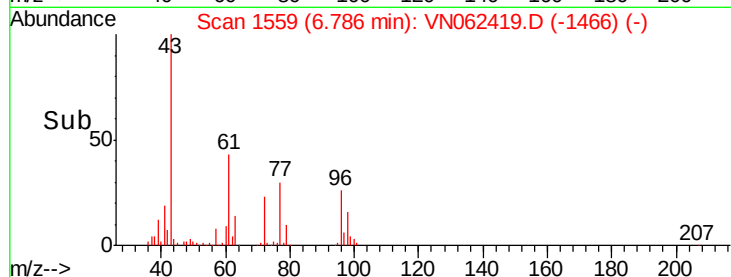
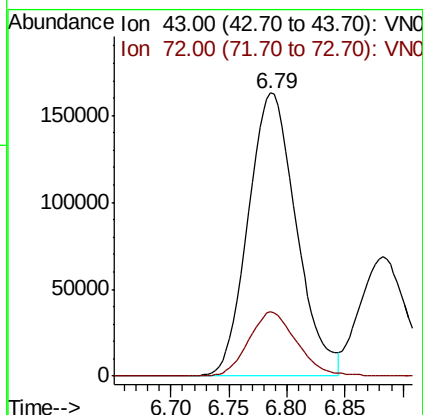
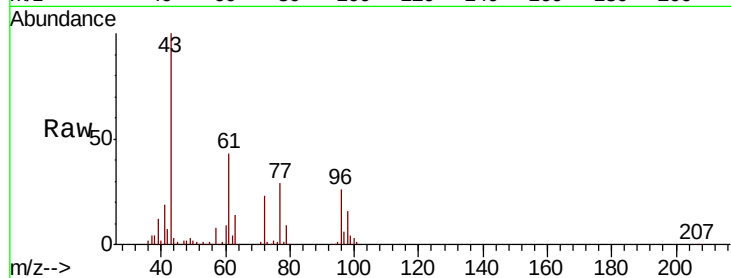




#25
2-Butanone
Concen: 246.312 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

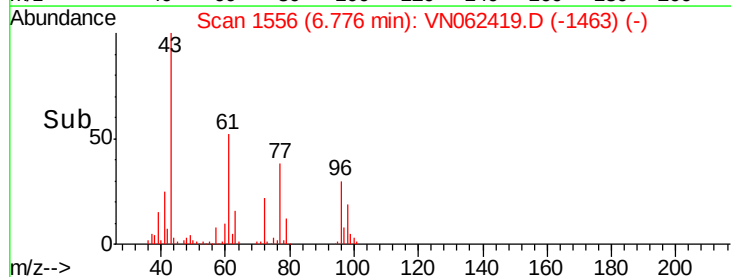
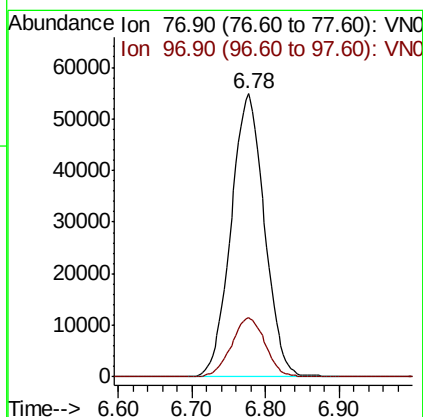
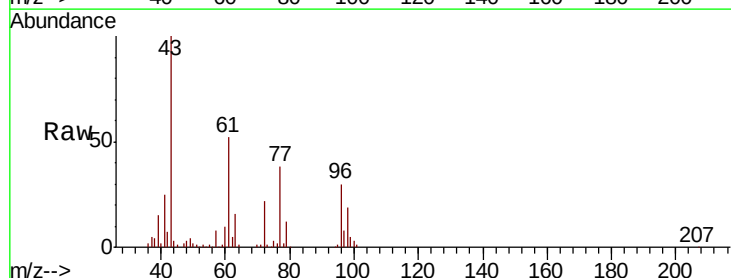
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

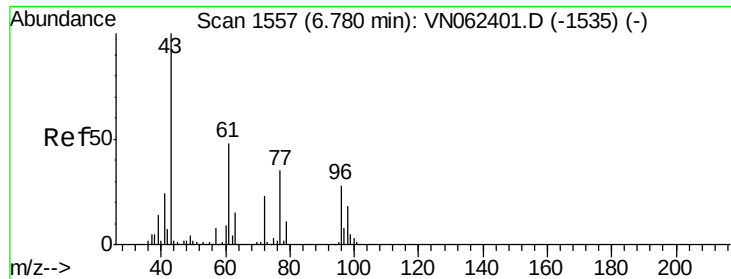
Tot Ion: 43 Resp: 469906
Ion Ratio Lower Upper
43 100
72 22.6 17.9 26.9



#26
2,2-Dichloropropane
Concen: 45.863 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 77 Resp: 173361
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.929 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

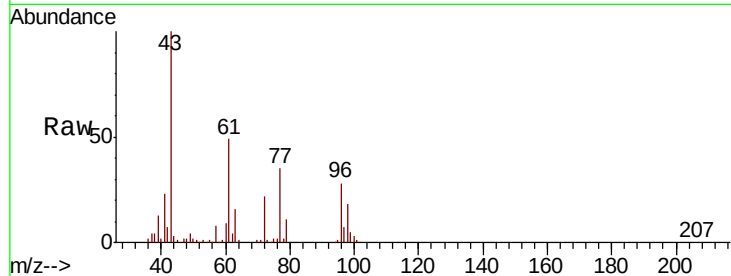
Tot Ion: 96 Resp: 128638

Ion Ratio Lower Upper

96 100

61 169.7 0.0 343.4

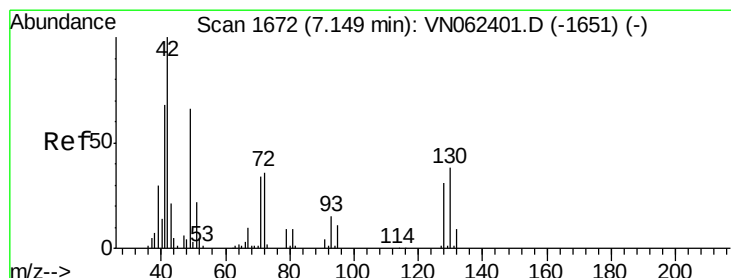
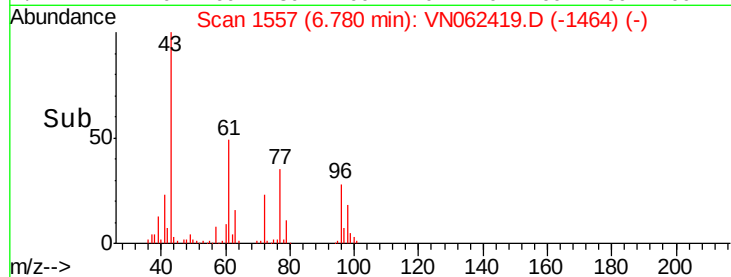
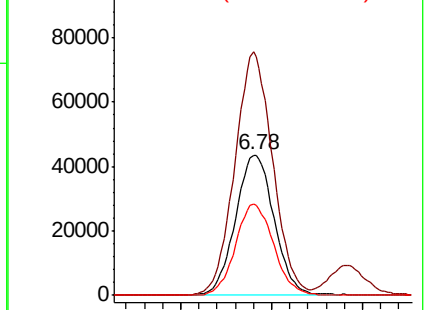
98 63.9 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062419.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062419.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062419.D (-1464) (-)



#28

Bromochloromethane

Concen: 50.075 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

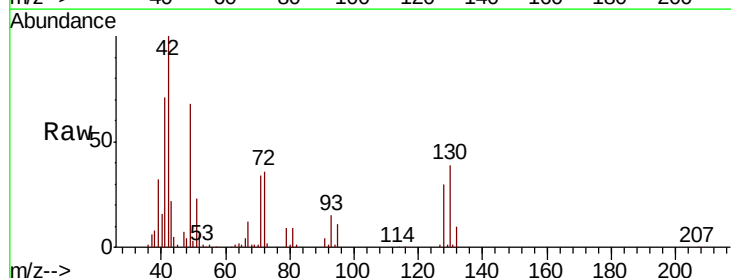
Tgt Ion: 49 Resp: 134118

Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.8

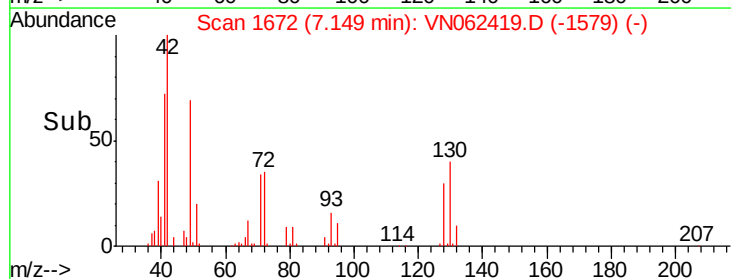
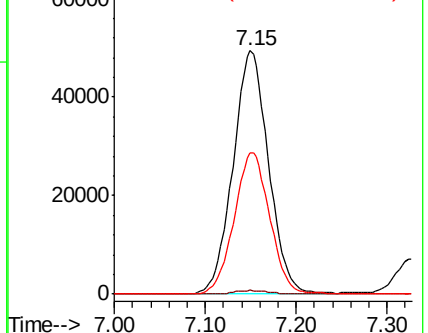
130 58.1 46.5 69.7

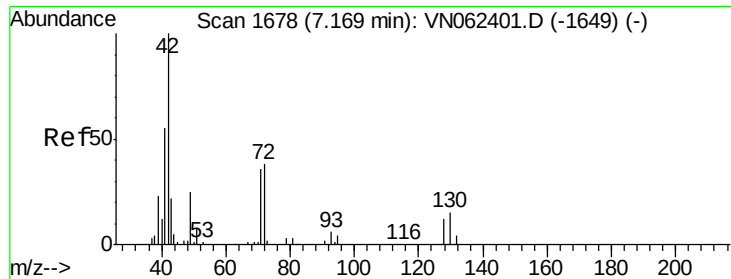


Abundance Ion 48.90 (48.60 to 49.60): VN062419.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062419.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062419.D (-1579) (-)

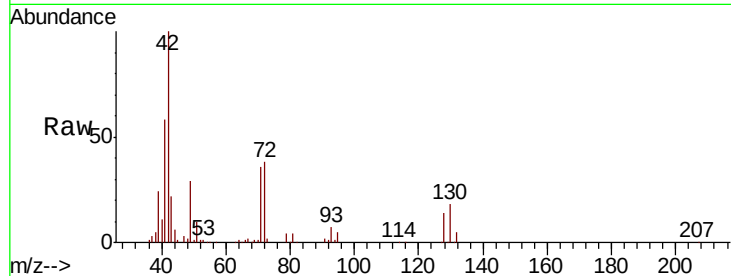




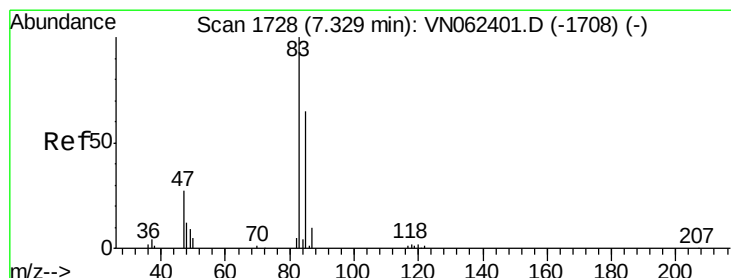
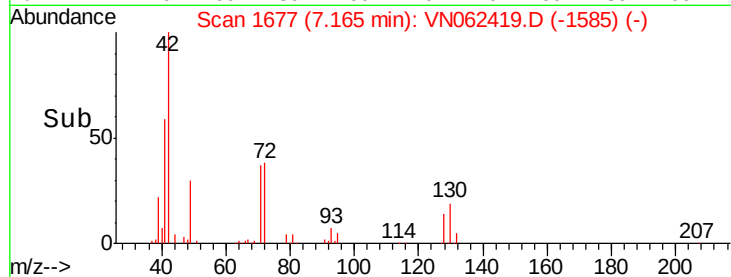
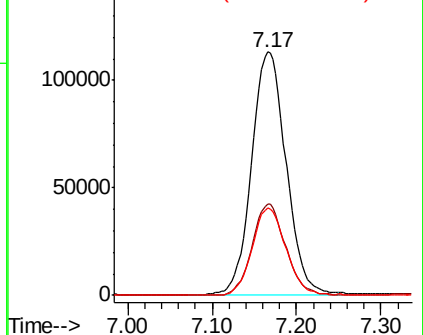
#29
Tetrahydrofuran
Concen: 251.702 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 323289
Ion Ratio Lower Upper
42 100
72 36.4 29.1 43.7
71 35.0 28.1 42.1

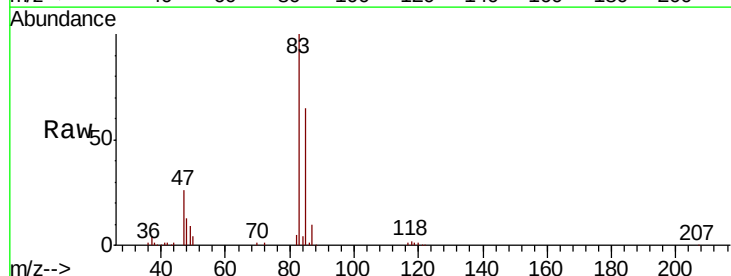


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

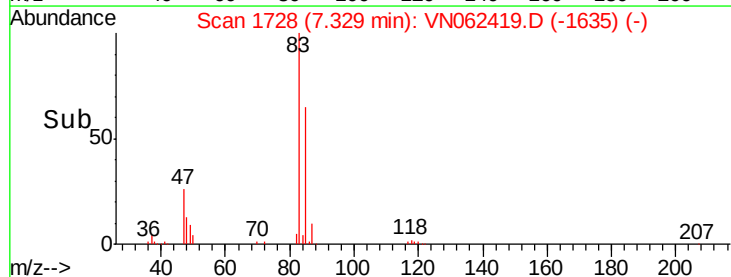
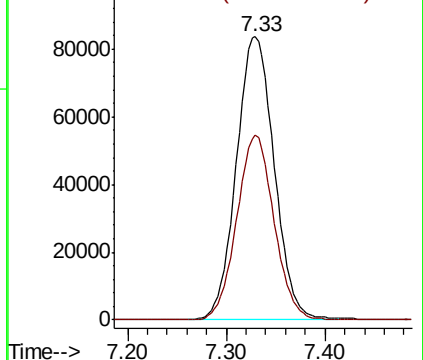


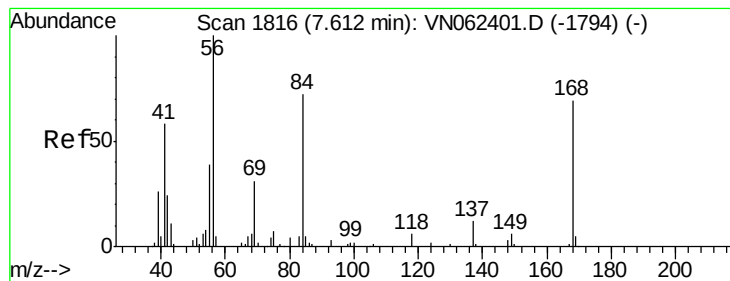
#30
Chloroform
Concen: 50.018 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 83 Resp: 222639
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.641 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

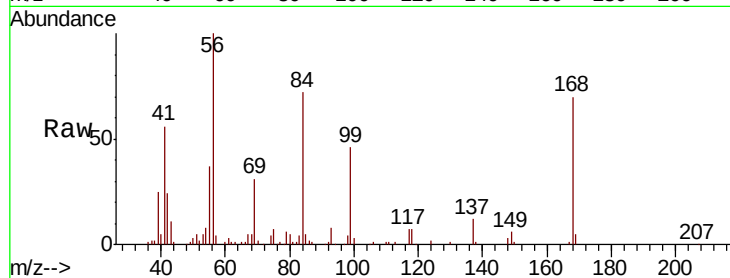
Tot Ion: 56 Resp: 217979

Ion Ratio Lower Upper

56 100

69 31.0 24.5 36.7

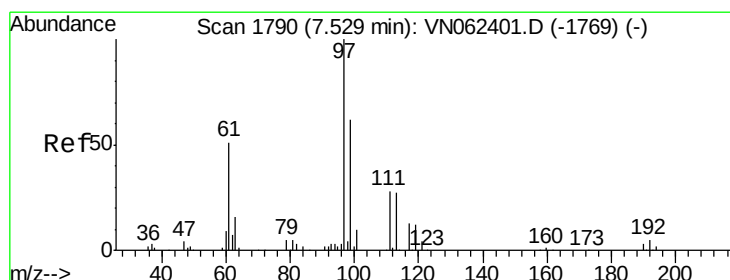
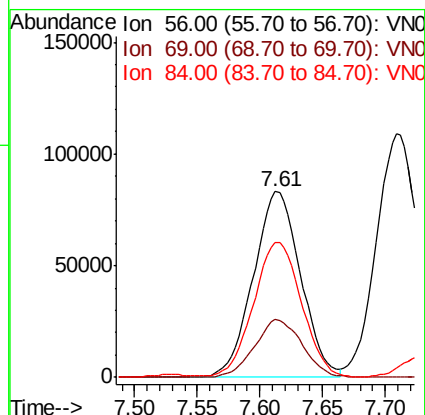
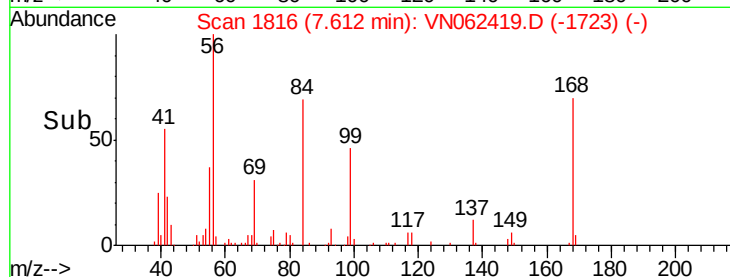
84 71.2 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN062419.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062419.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062419.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 49.762 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

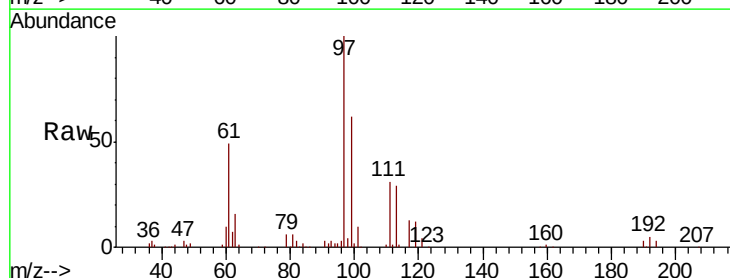
Tgt Ion: 97 Resp: 184247

Ion Ratio Lower Upper

97 100

99 62.7 50.4 75.6

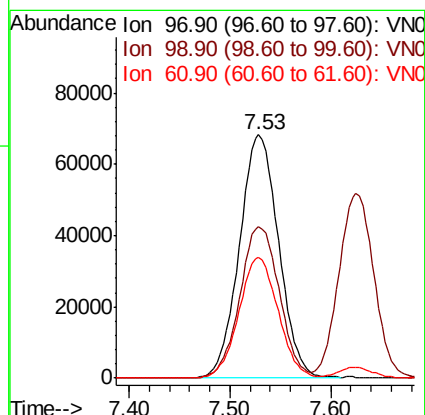
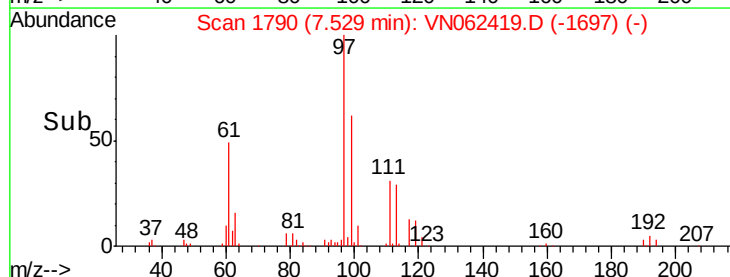
61 49.7 39.9 59.9

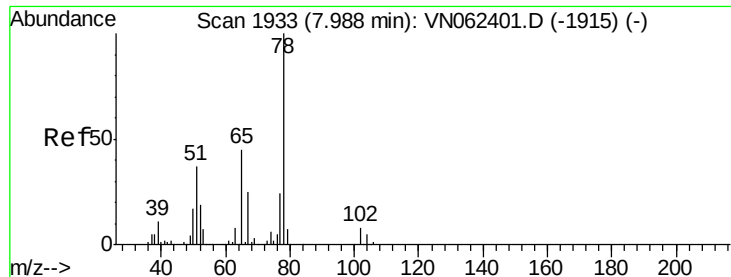


Abundance Ion 96.90 (96.60 to 97.60): VN062419.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062419.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062419.D (-1697) (-)

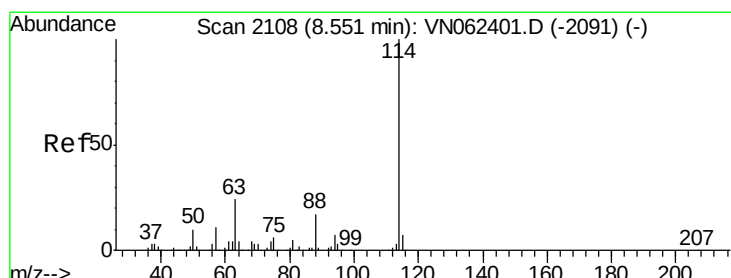
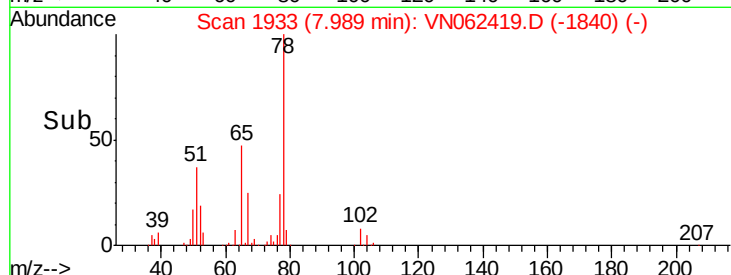
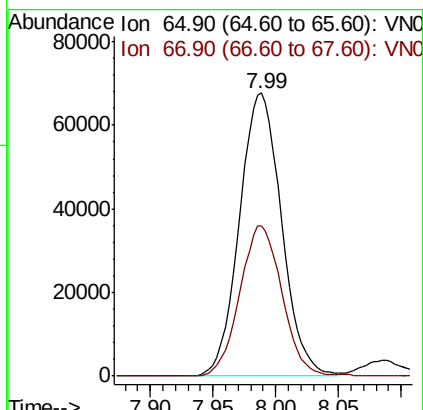
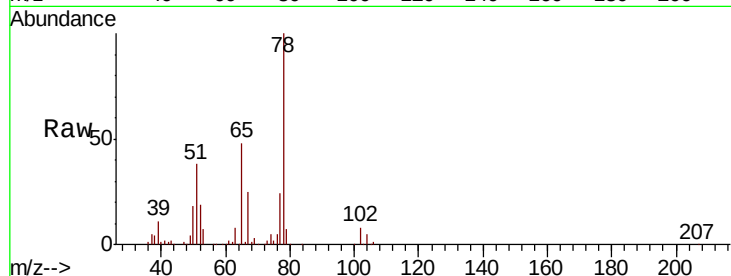




#33
 1,2-Dichloroethane-d4
 Concen: 51.387 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

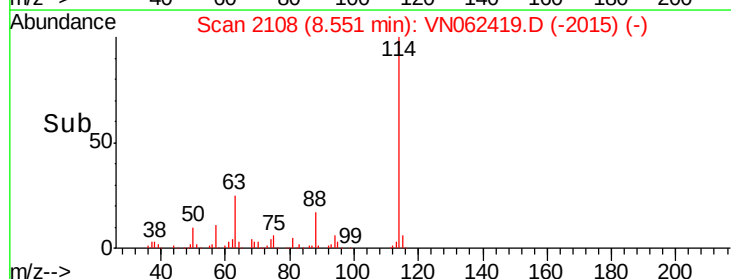
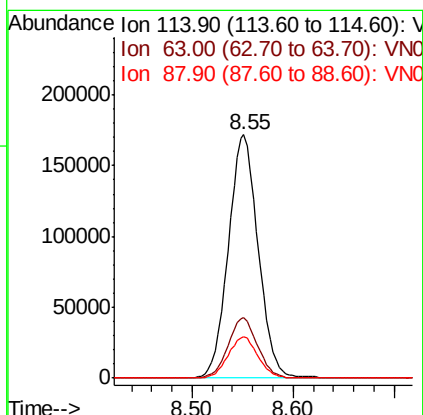
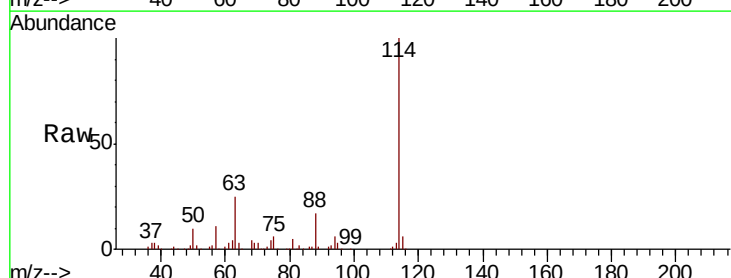
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

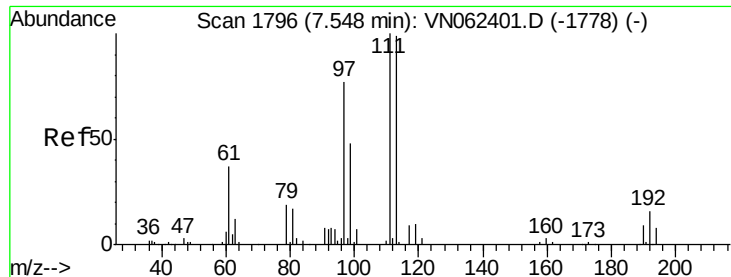
Tot Ion: 65 Resp: 158111
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 114 Resp: 353107
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.4
 88 16.9 0.0 33.8

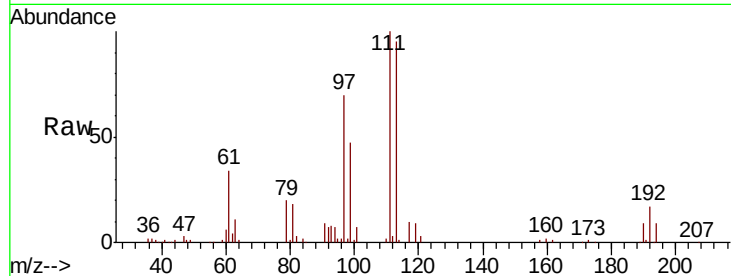




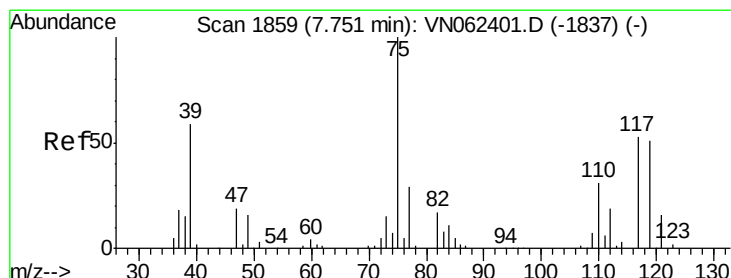
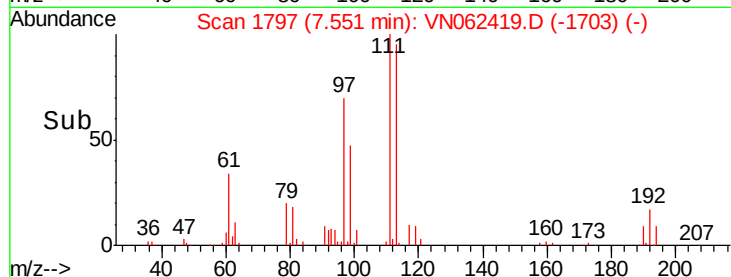
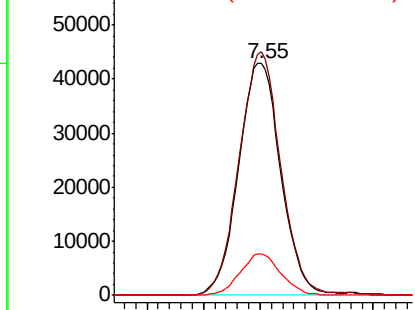
#35
 Dibromofluoromethane
 Concen: 50.897 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 111091
 Ion Ratio Lower Upper
 113 100
 111 104.4 83.1 124.7
 192 17.4 14.1 21.1

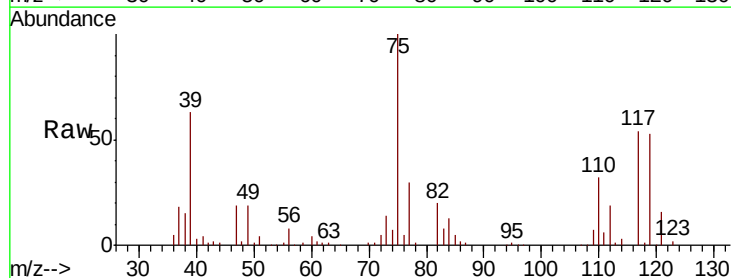


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

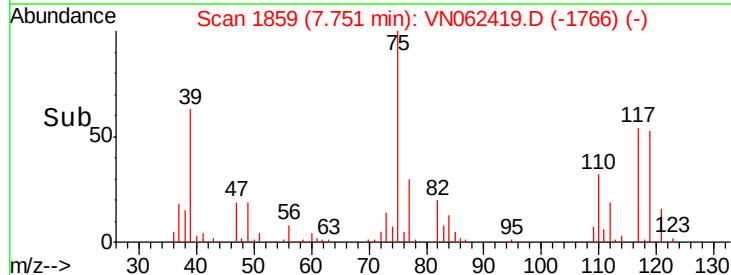
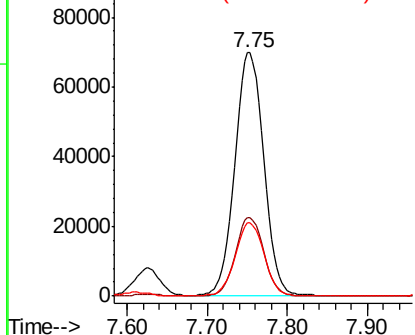


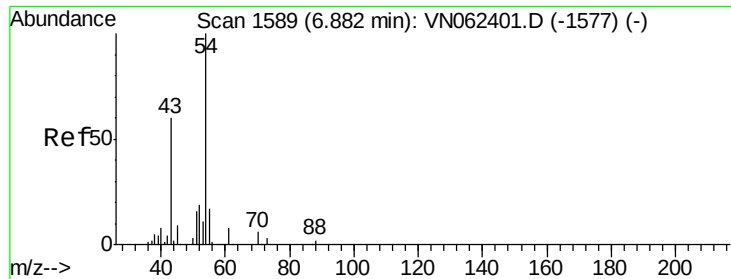
#36
 1,1-Dichloropropene
 Concen: 48.253 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 75 Resp: 171659
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.4 46.2
 77 30.0 24.1 36.1



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

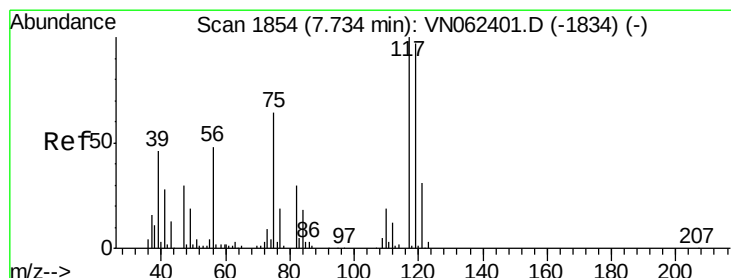
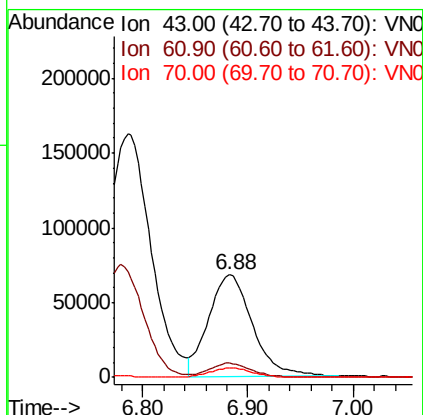
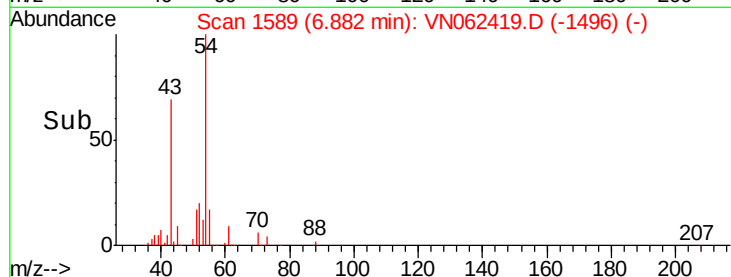
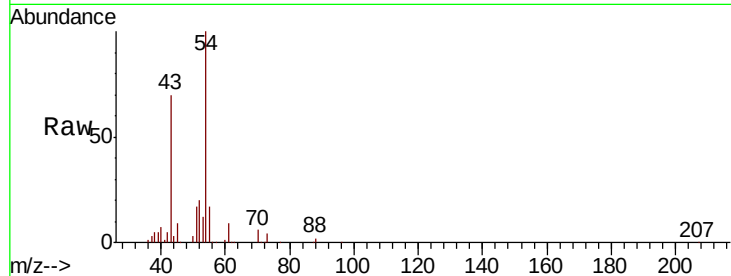




#37
Ethyl Acetate
Concen: 47.092 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

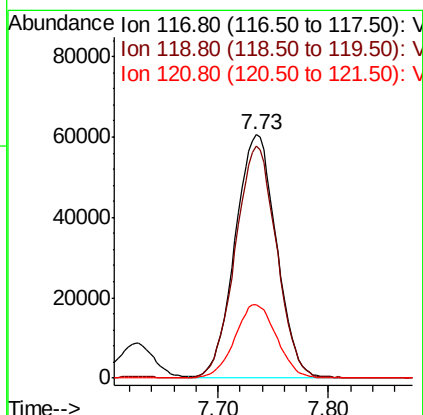
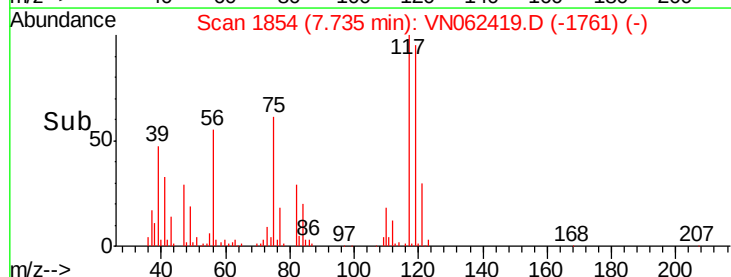
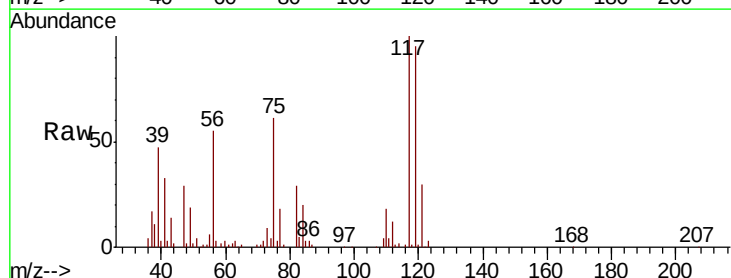
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

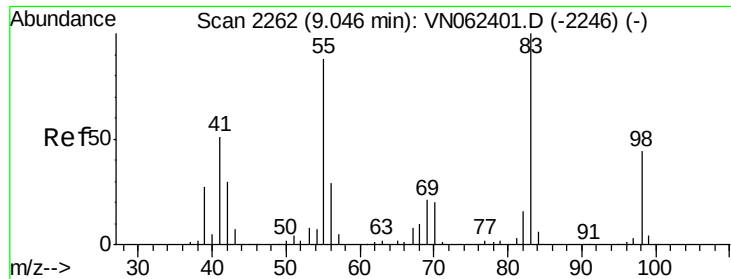
Tot Ion: 43 Resp: 195894
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.950 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 117 Resp: 156557
Ion Ratio Lower Upper
117 100
119 95.1 77.2 115.8
121 30.0 24.8 37.2

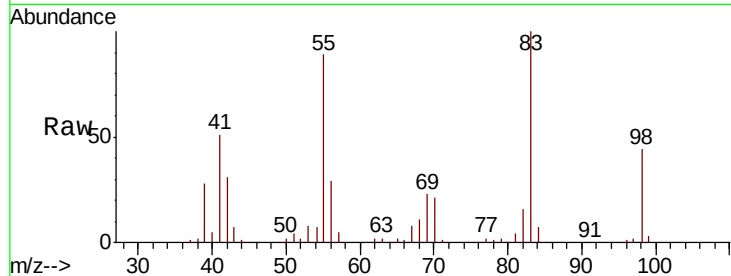




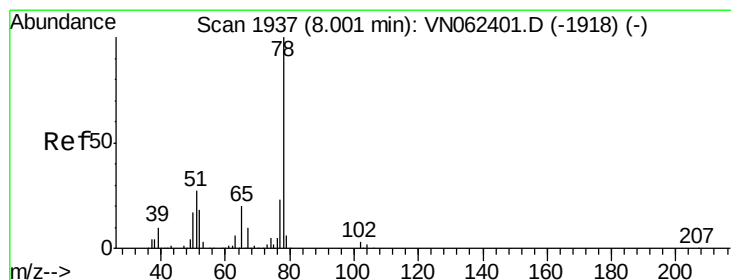
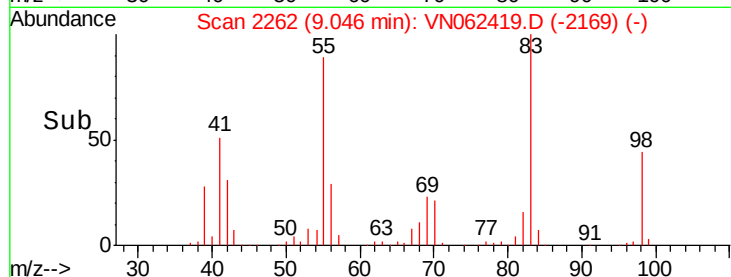
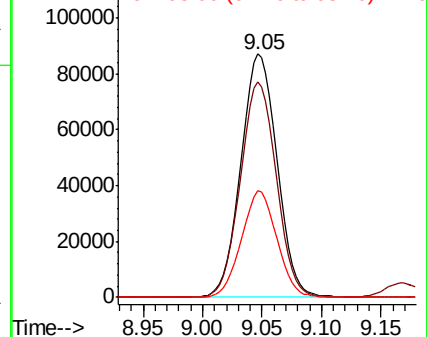
#39
Methylvlcyclohexane
Concen: 48.437 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 183965
Ion Ratio Lower Upper
83 100
55 88.6 70.5 105.7
98 43.7 35.5 53.3

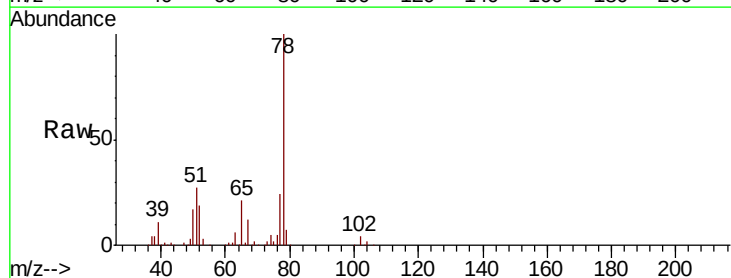


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

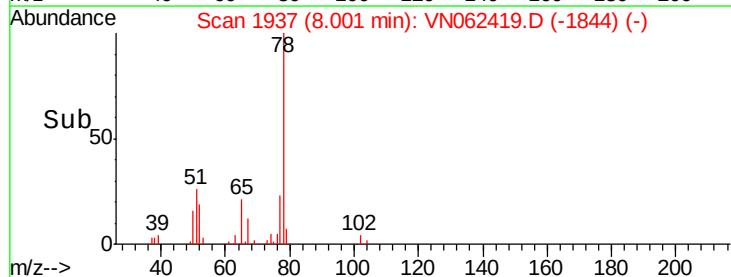
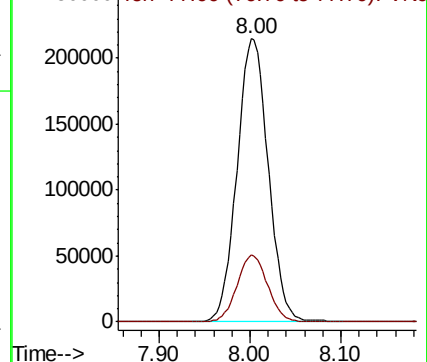


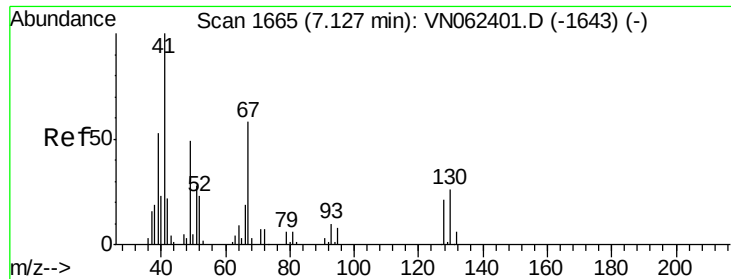
#40
Benzene
Concen: 48.832 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 78 Resp: 511996
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

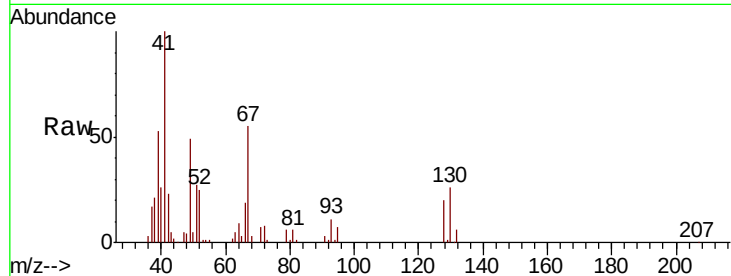




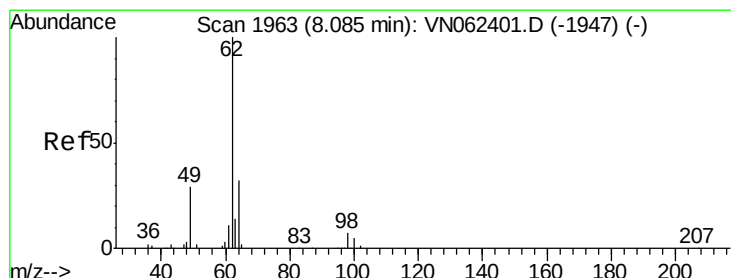
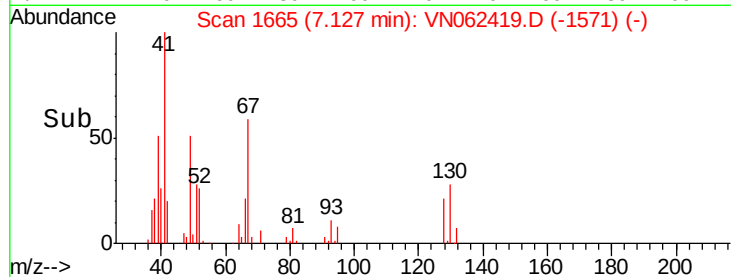
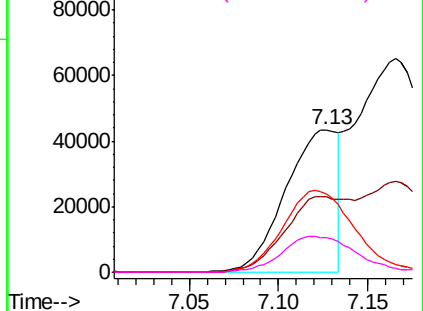
#41
Methacrylonitrile
Concen: 50.829 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	88341
Ion	Ratio	Lower	Upper
41	100		
39	63.2	50.2	75.2
67	79.5	64.2	96.2
52	36.4	28.0	42.0

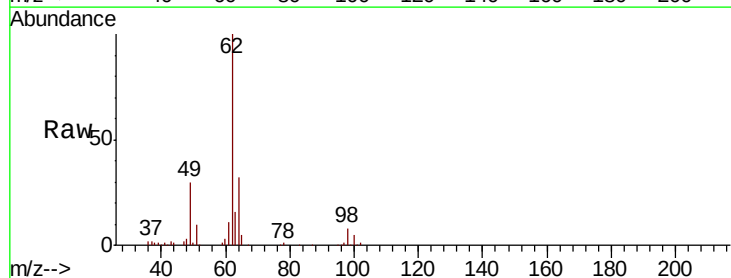


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

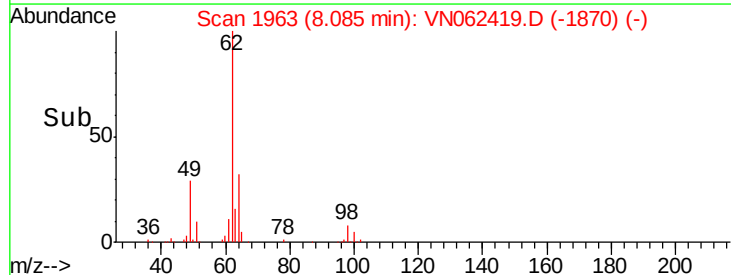
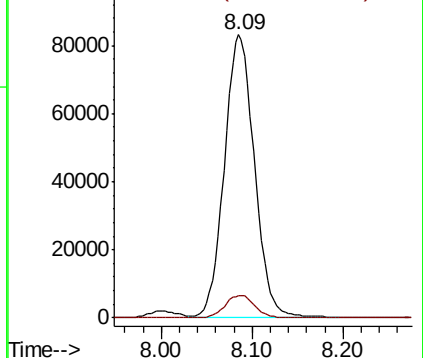


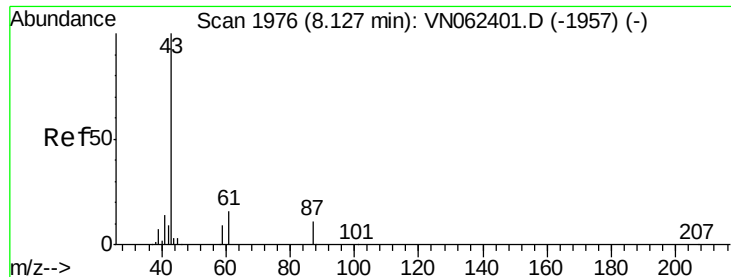
#42
1,2-Dichloroethane
Concen: 49.586 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion:	62	Resp:	190364
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 49.509 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

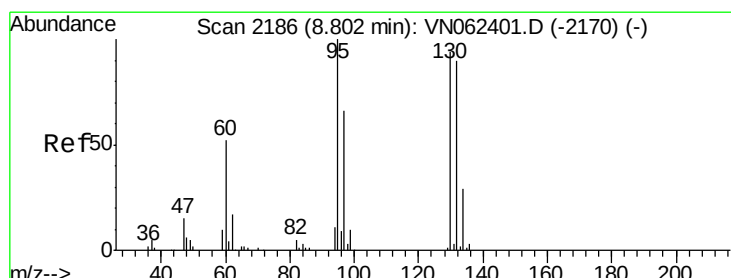
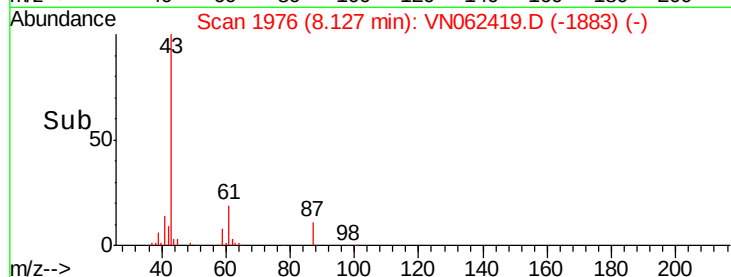
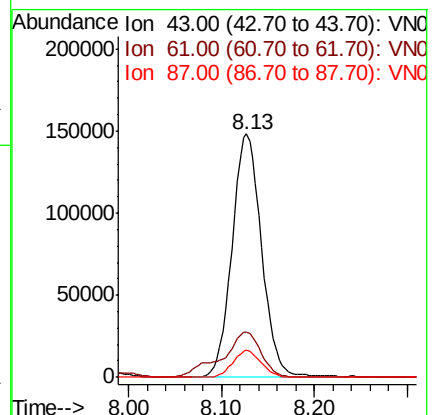
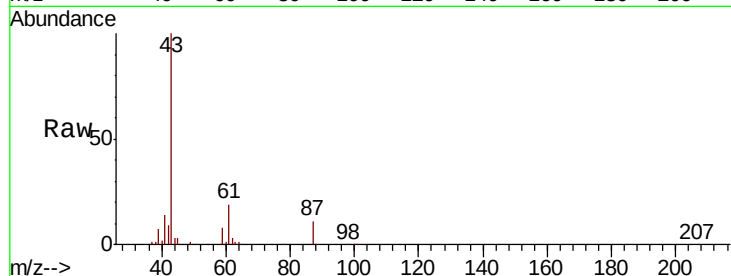
Tot Ion: 43 Resp: 325345

Ion Ratio Lower Upper

43 100

61 24.6 19.3 28.9

87 10.8 8.6 13.0



#44

Trichloroethene

Concen: 48.576 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062419.D

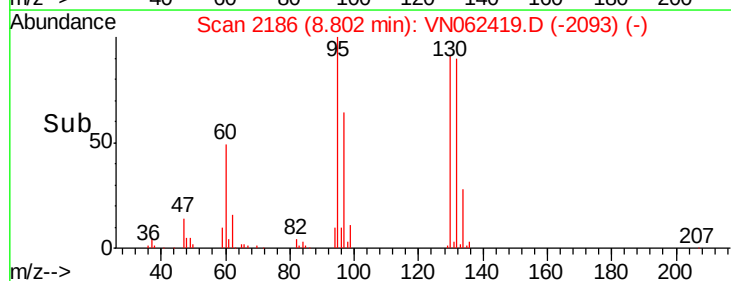
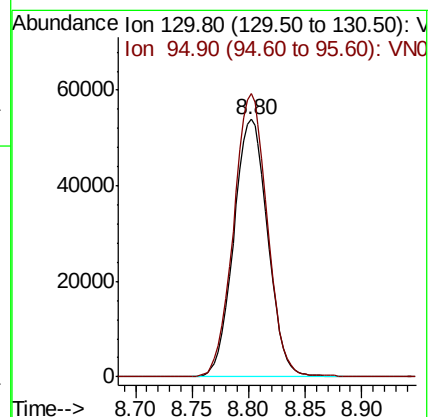
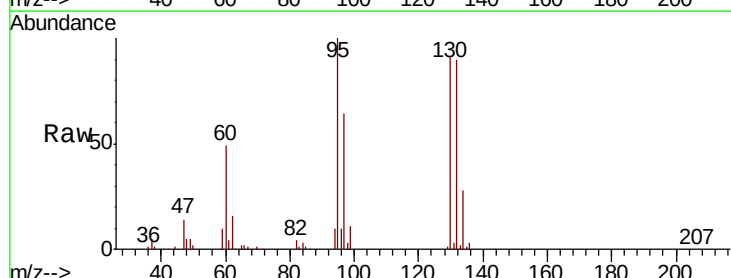
Acq: 8 Jul 2020 20:15

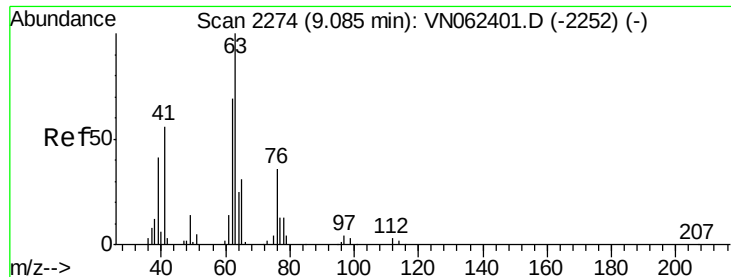
Tgt Ion:130 Resp: 113002

Ion Ratio Lower Upper

130 100

95 109.9 0.0 213.8

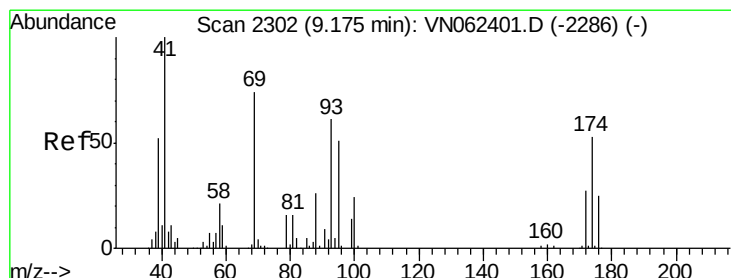
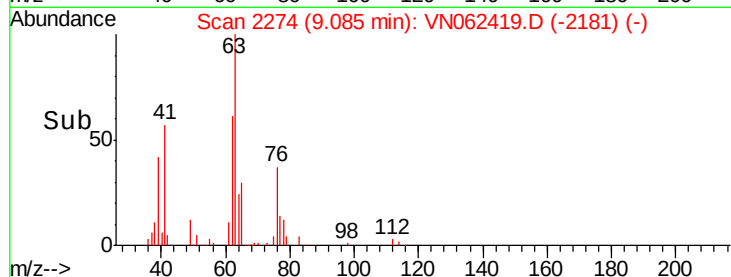
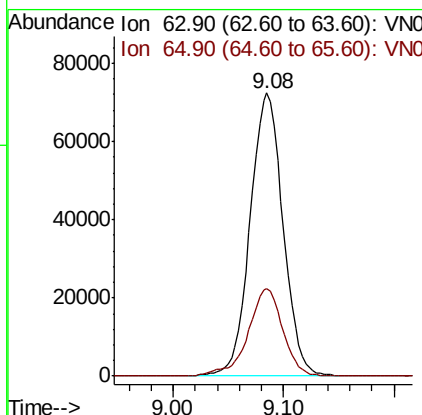
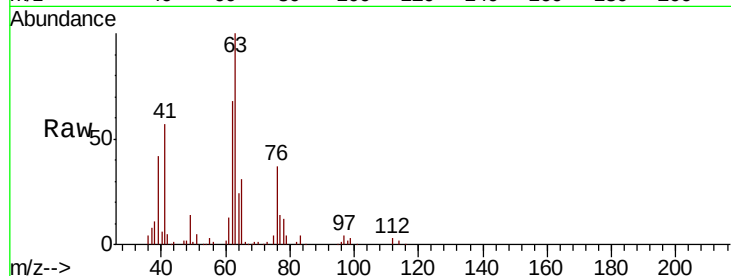




#45
 1,2-Dichloropropane
 Concen: 49.149 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

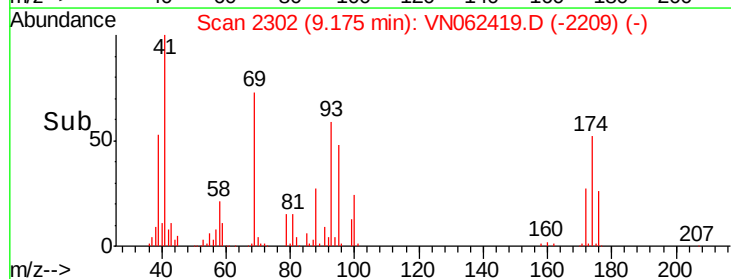
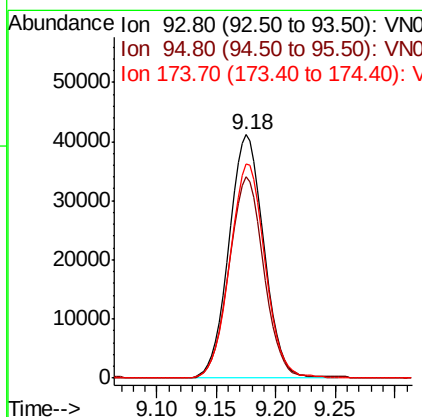
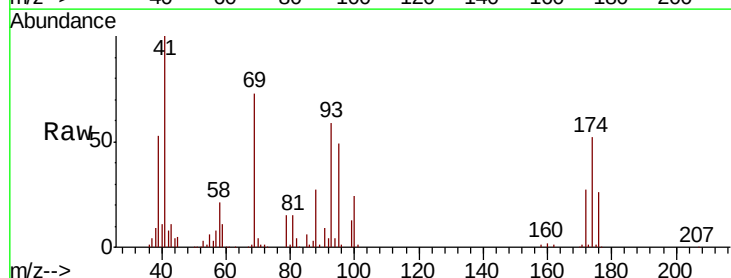
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

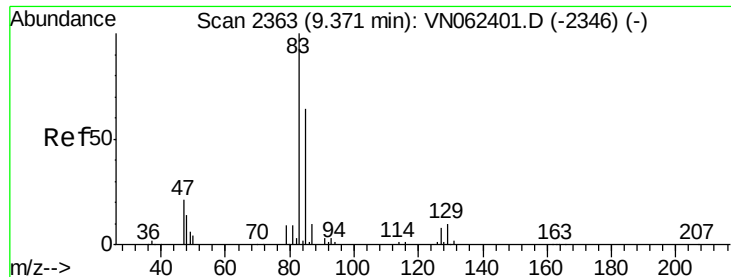
Tot Ion: 63 Resp: 149595
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 48.939 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 93 Resp: 84058
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.1 100.7
 174 88.3 70.4 105.6





#47

Bromodichloromethane

Concen: 49.261 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

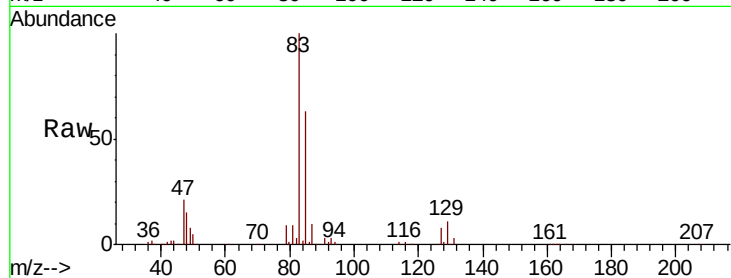
Tot Ion: 83 Resp: 180896

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

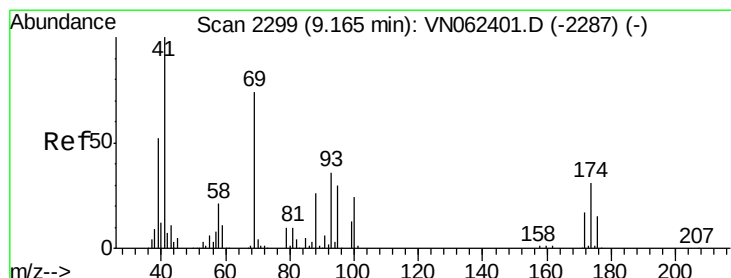
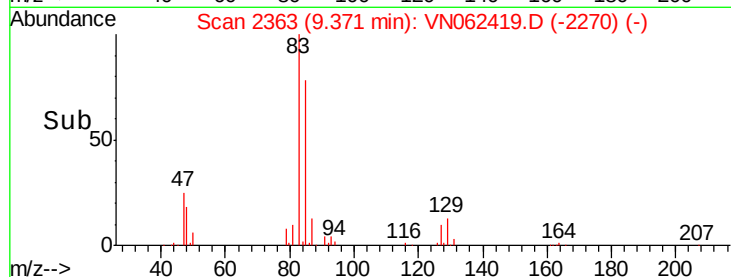
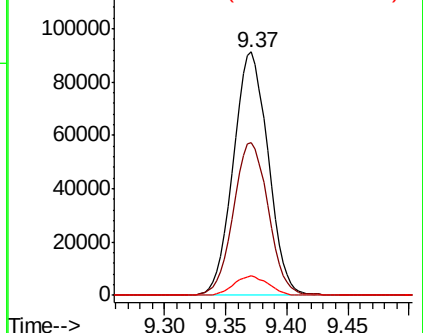
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062419.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062419.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062419.D (-2270) (-)



#48

Methyl methacrylate

Concen: 49.533 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

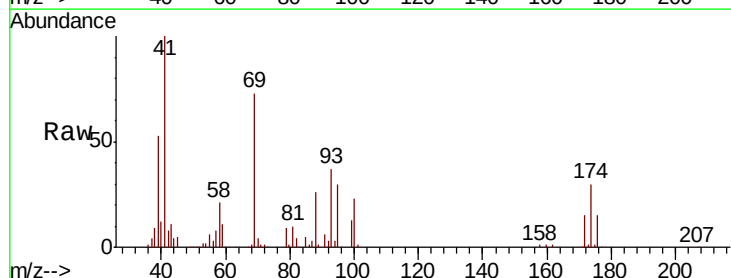
Tgt Ion: 41 Resp: 159669

Ion Ratio Lower Upper

41 100

69 75.9 60.8 91.2

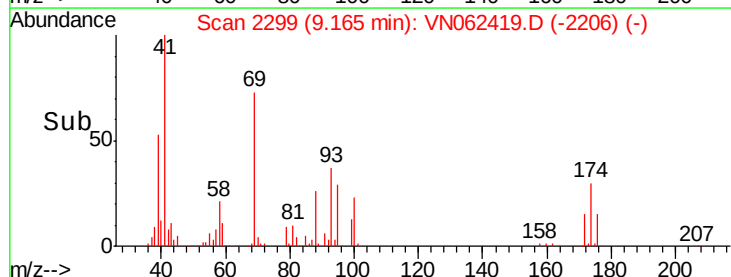
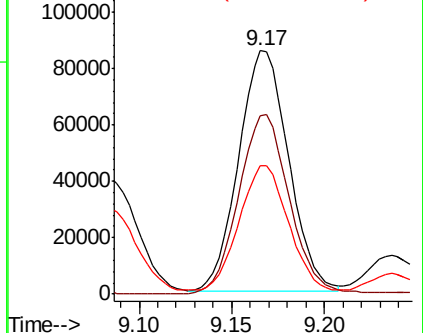
39 53.9 43.5 65.3

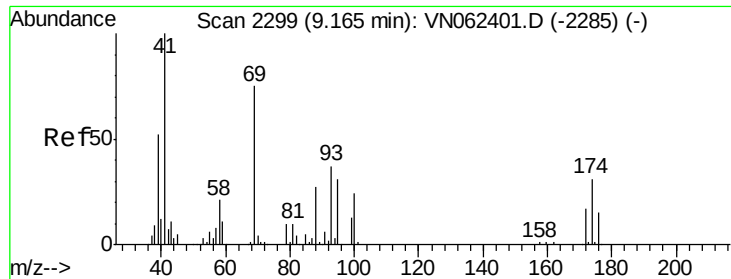


Abundance Ion 41.00 (40.70 to 41.70): VN062419.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062419.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062419.D (-2206) (-)

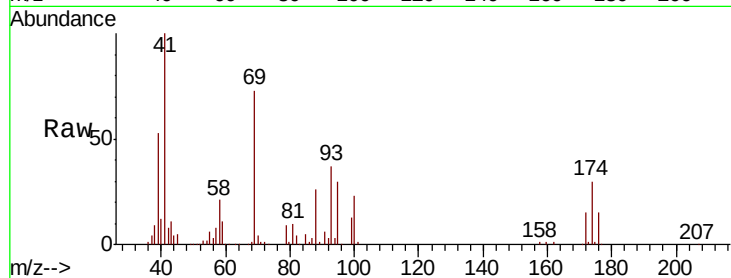




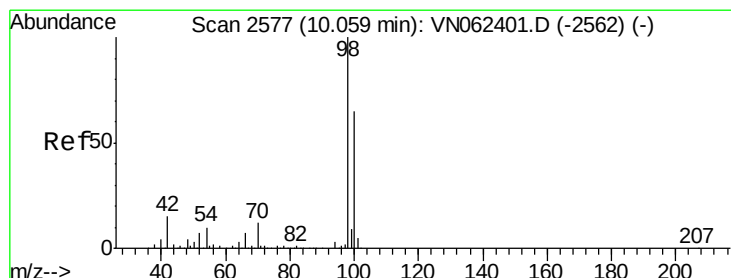
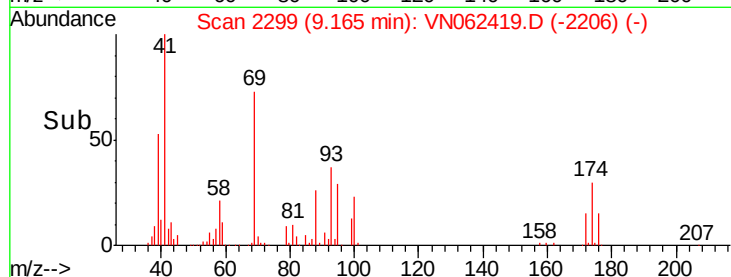
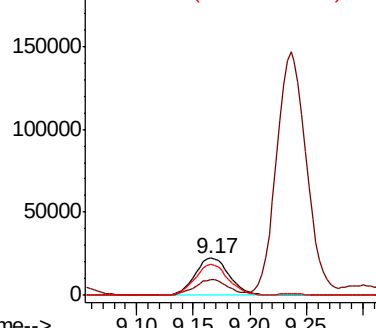
#49
1,4-Dioxane
Concen: 1028.816 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 48270
Ion Ratio Lower Upper
88 100
43 39.5 31.0 46.4
58 79.6 63.3 94.9

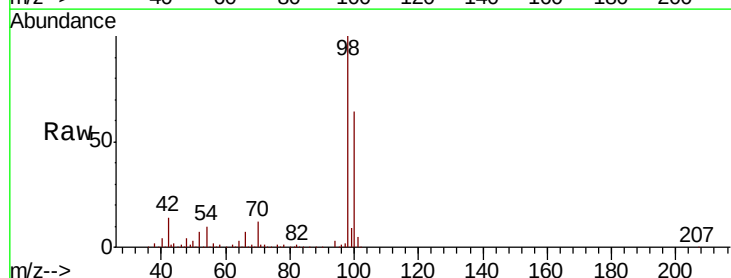


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

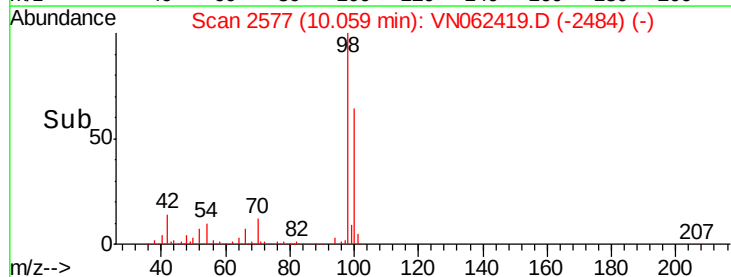
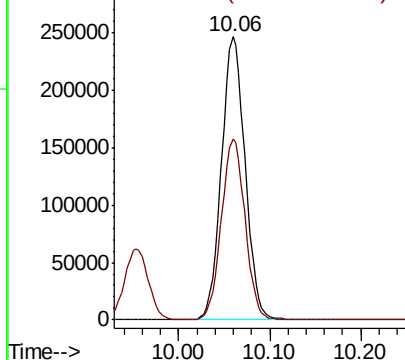


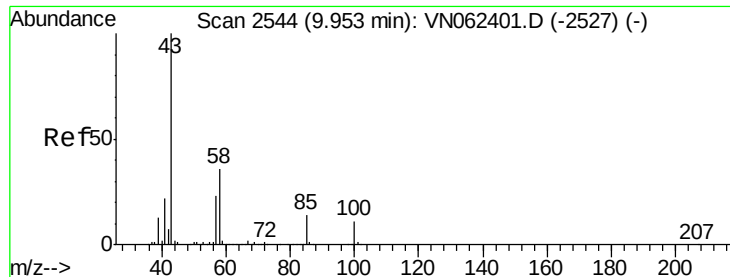
#50
Toluene-d8
Concen: 51.695 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 98 Resp: 445434
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

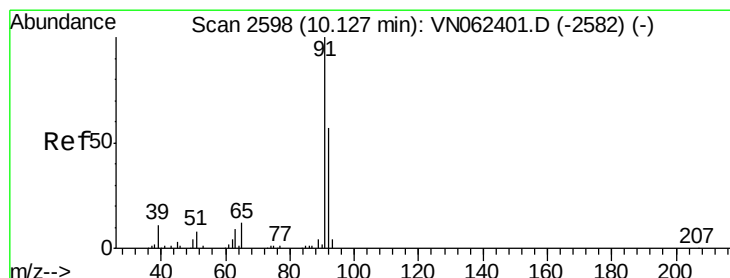
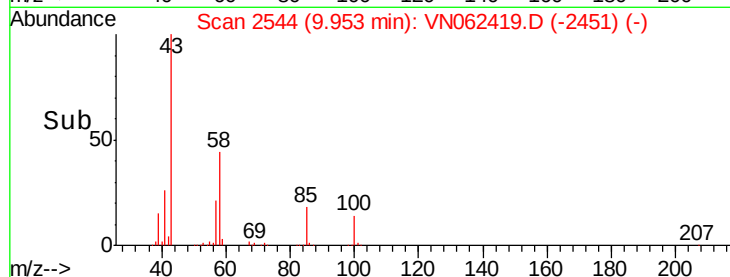
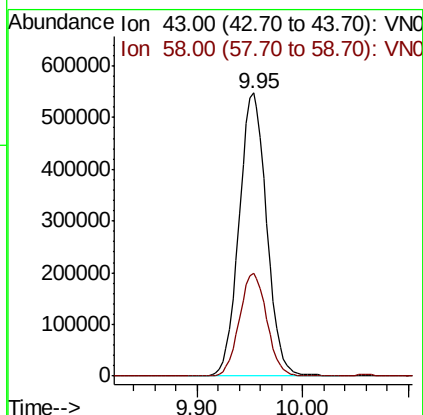
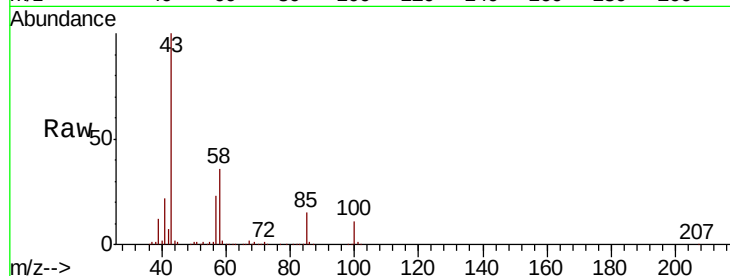




#51
 4-Methyl-2-Pentanone
 Concen: 252.280 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

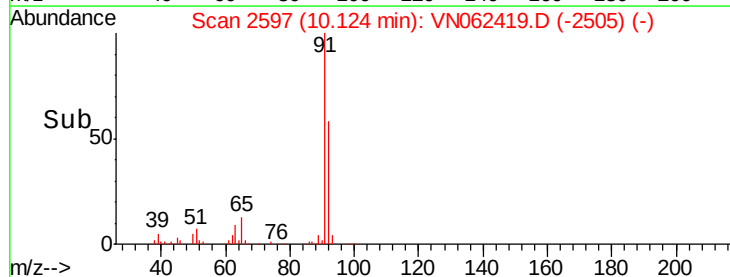
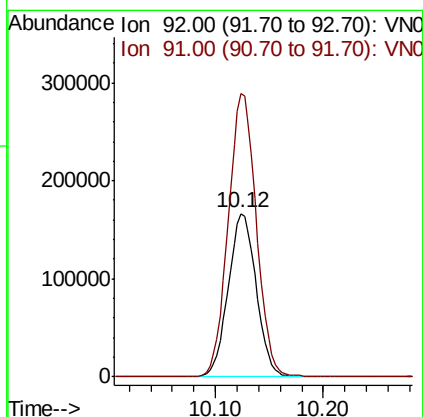
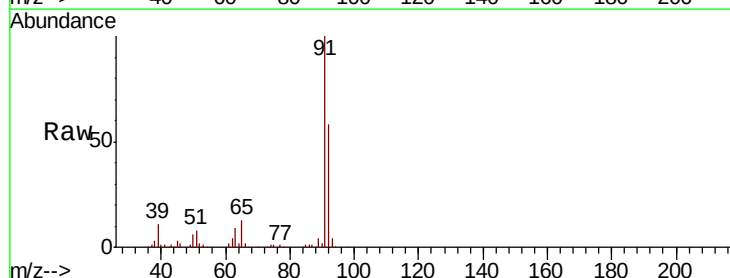
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

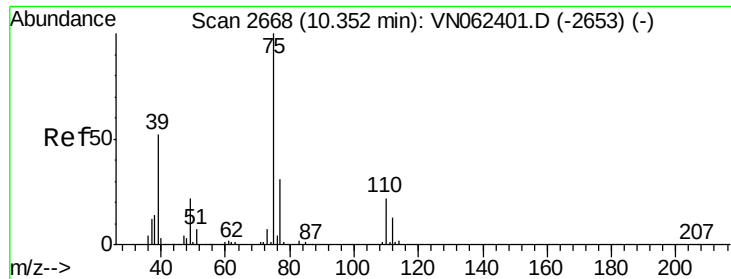
Tot Ion: 43 Resp: 990188
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.0 43.6



#52
 Toluene
 Concen: 49.798 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 92 Resp: 301584
 Ion Ratio Lower Upper
 92 100
 91 174.4 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 49.633 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

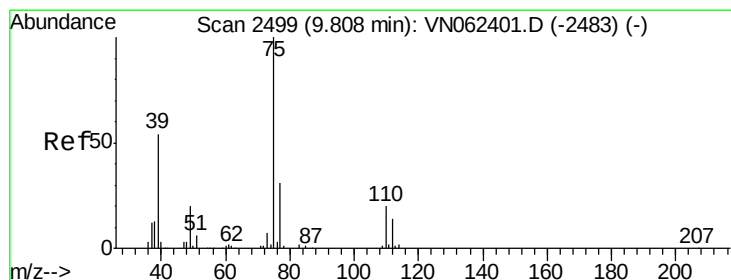
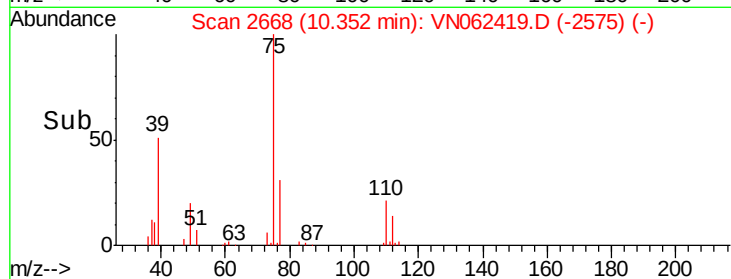
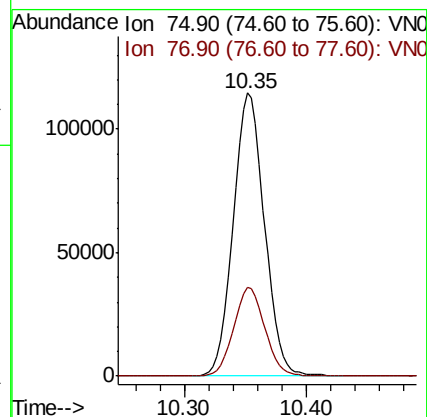
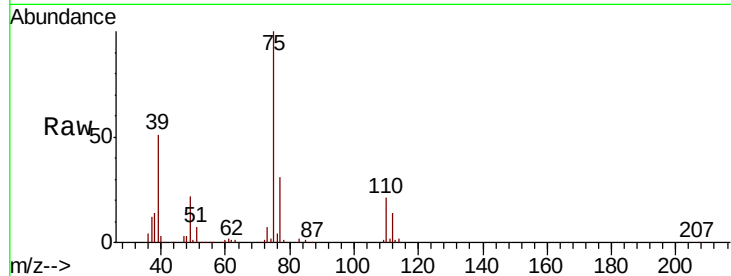
VSTDCCC050EC

Tot Ion: 75 Resp: 204198

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.881 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

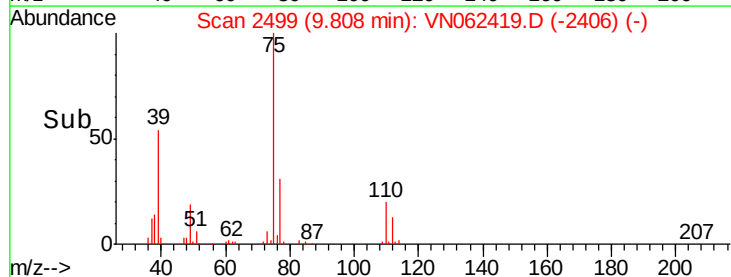
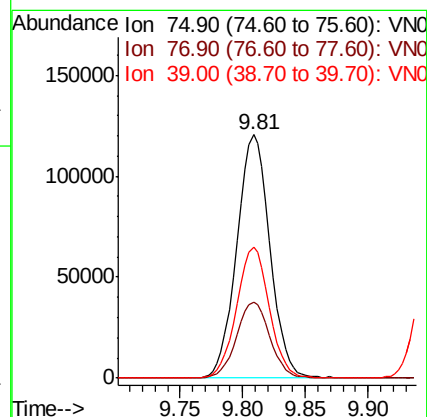
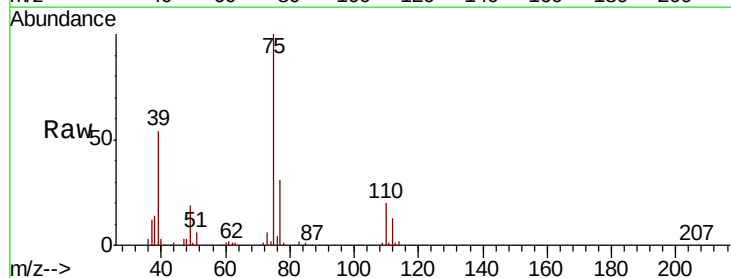
Tgt Ion: 75 Resp: 221889

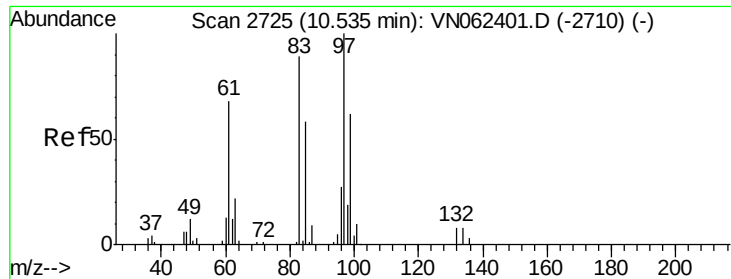
Ion Ratio Lower Upper

75 100

77 31.0 24.5 36.7

39 53.6 43.4 65.0

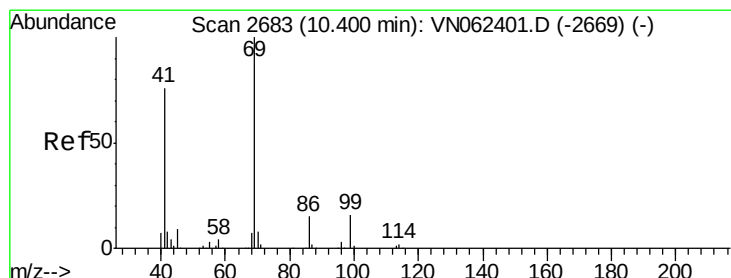
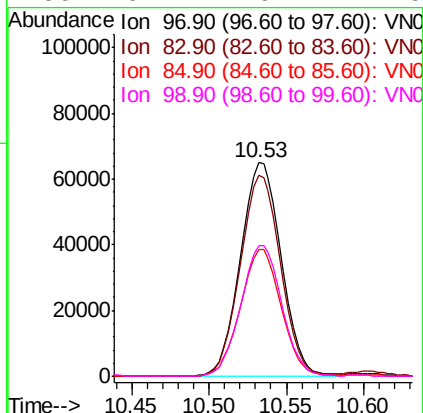
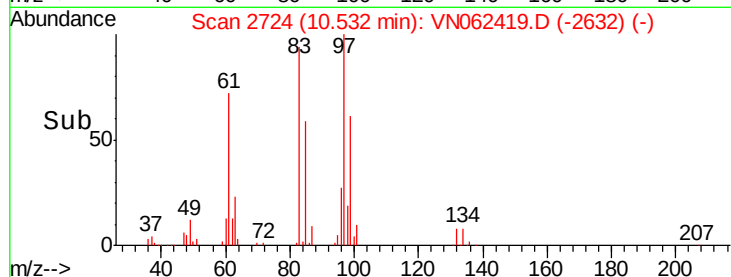
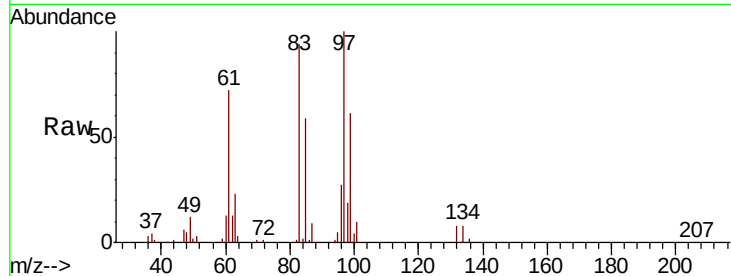




#55
 1,1,2-Trichloroethane
 Concen: 50.103 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

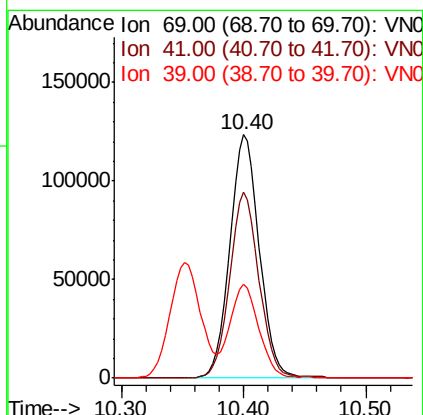
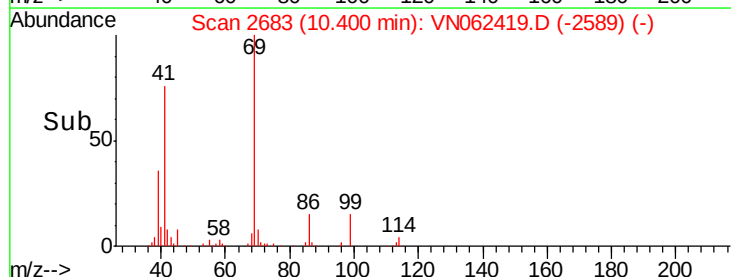
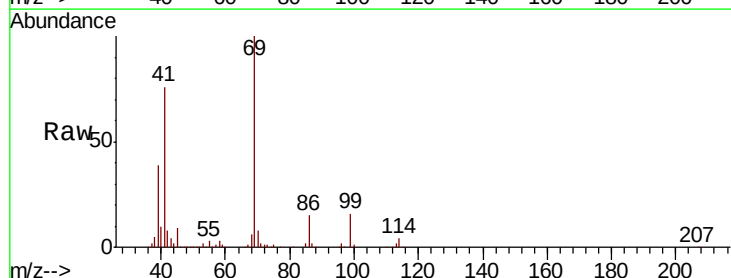
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

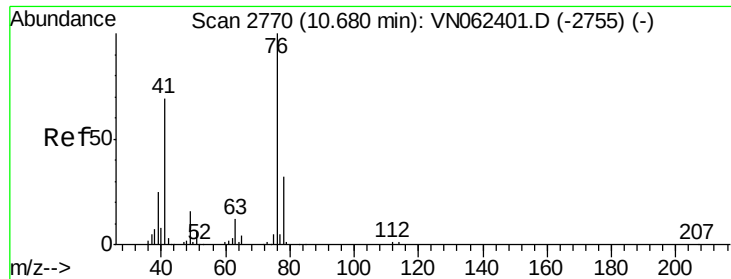
Tot Ion: 97 Resp: 119341
 Ion Ratio Lower Upper
 97 100
 83 94.2 71.0 106.4
 85 59.1 46.2 69.4
 99 61.2 49.7 74.5



#56
 Ethyl methacrylate
 Concen: 47.534 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 69 Resp: 207984
 Ion Ratio Lower Upper
 69 100
 41 75.2 59.7 89.5
 39 37.2 30.6 45.8

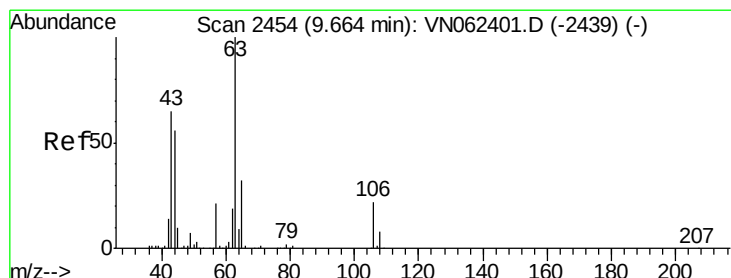
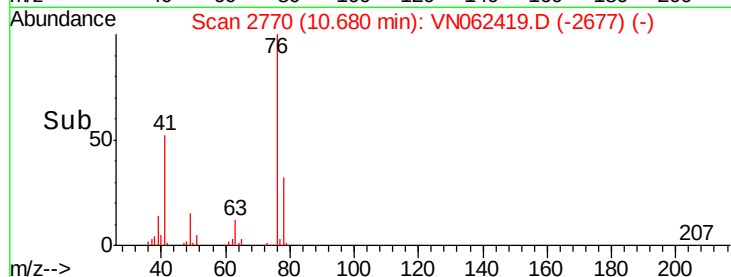
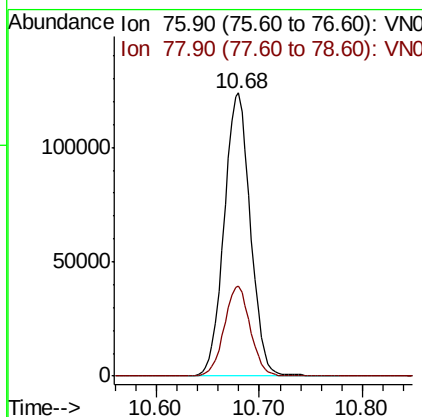
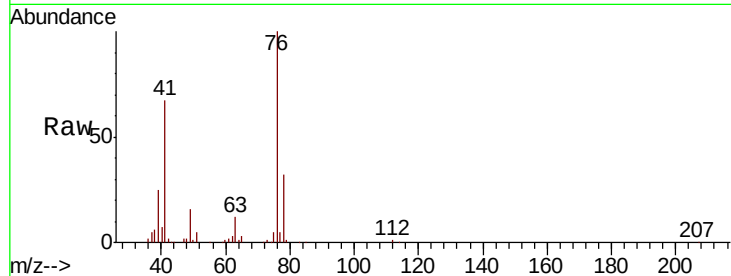




#57
 1,3-Dichloropropane
 Concen: 49.926 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

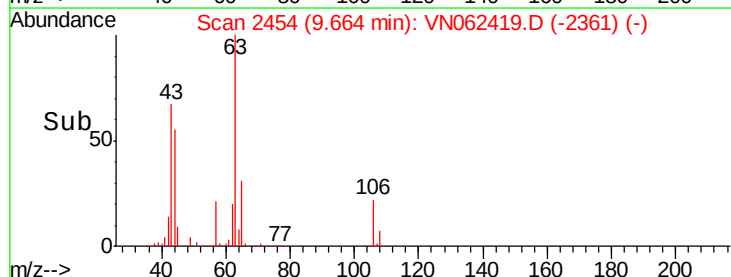
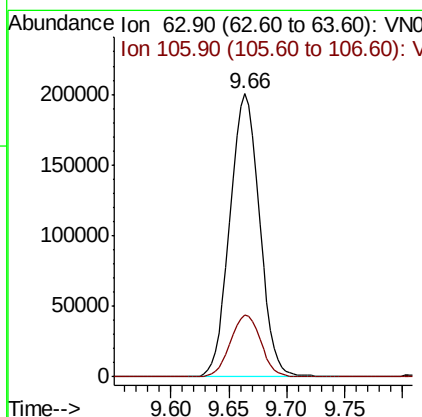
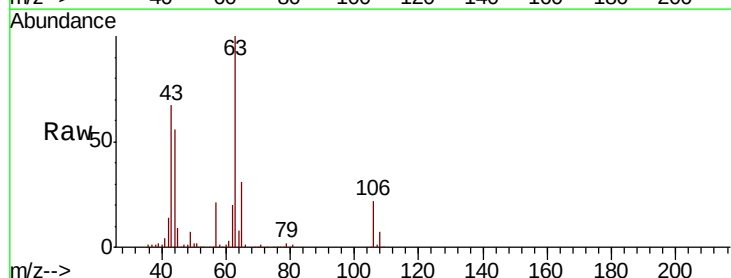
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

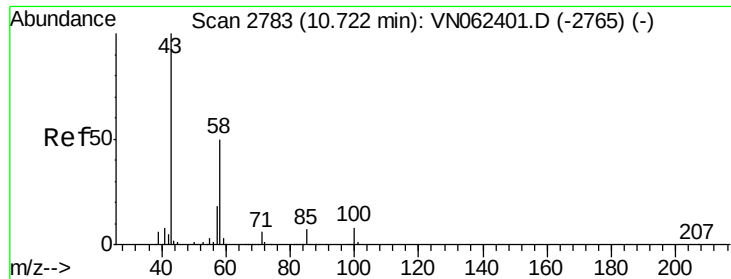
Tot Ion: 76 Resp: 219701
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.956 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 63 Resp: 354624
 Ion Ratio Lower Upper
 63 100
 106 22.3 17.6 26.4

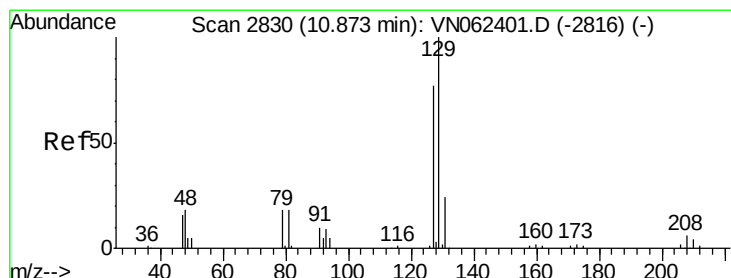
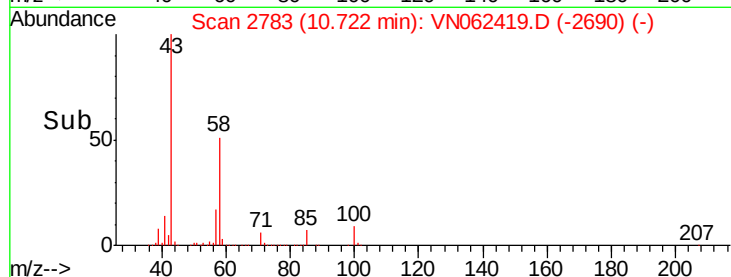
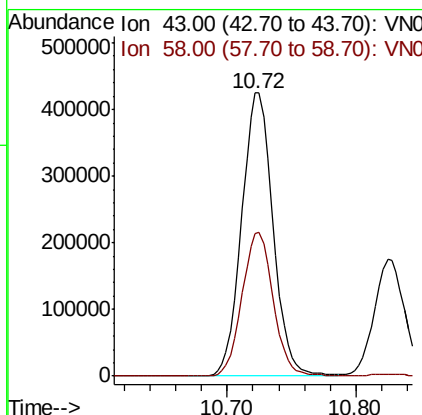
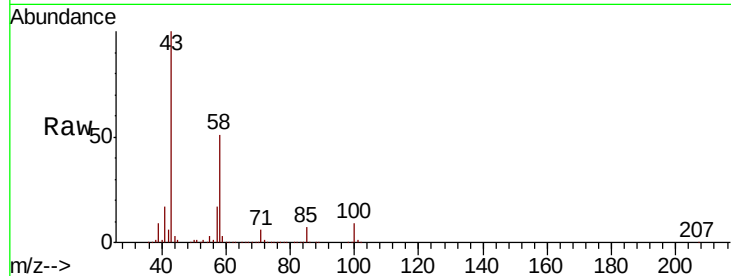




#59
2-Hexanone
Concen: 252.142 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

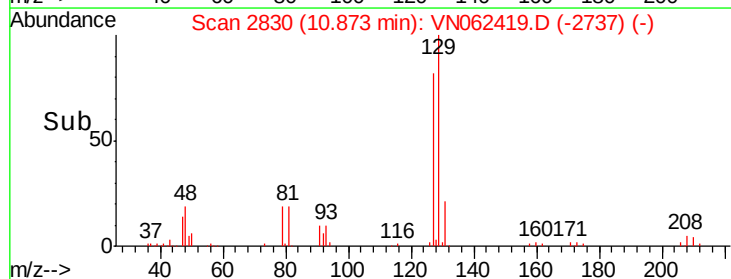
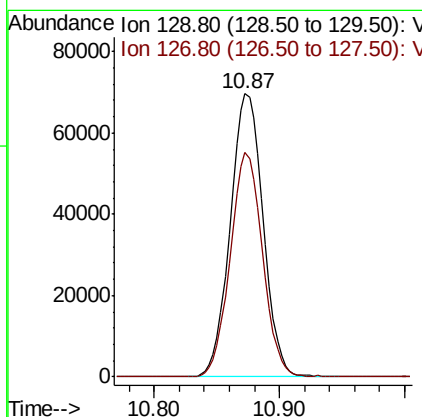
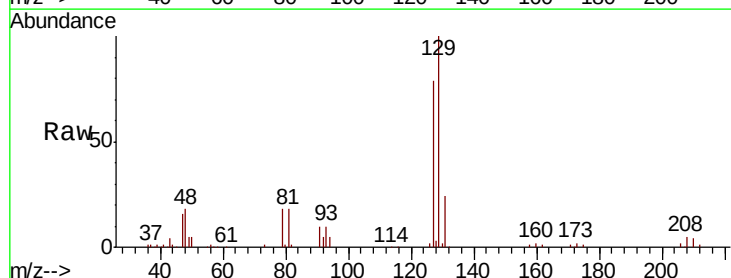
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

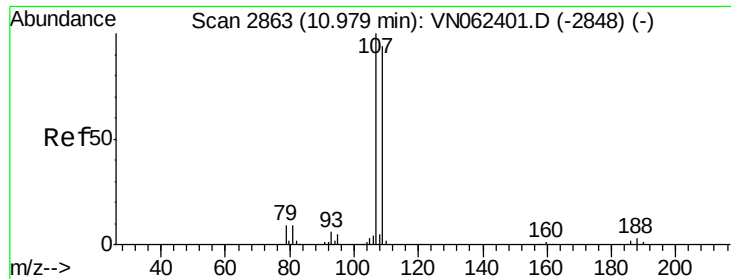
Tot Ion: 43 Resp: 718456
Ion Ratio Lower Upper
43 100
58 50.7 25.1 75.2



#60
Dibromochloromethane
Concen: 49.124 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 129 Resp: 126870
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

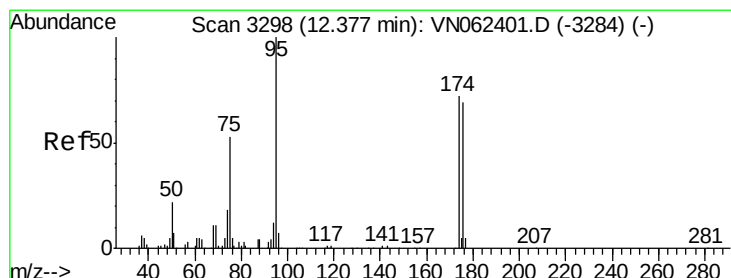
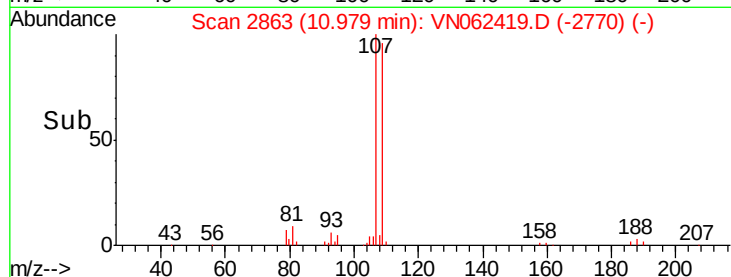
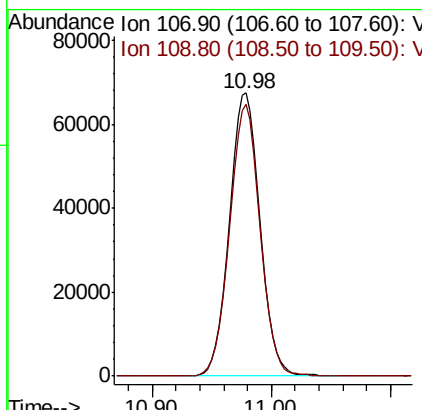
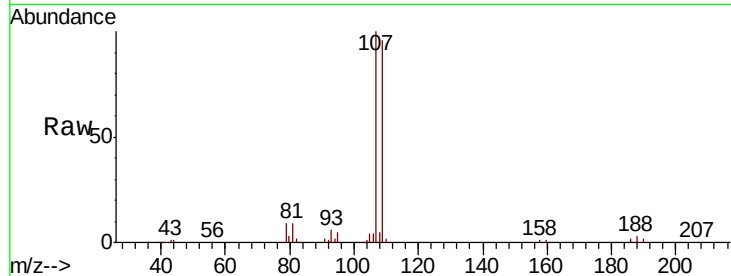




#61
 1,2-Dibromoethane
 Concen: 49.855 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

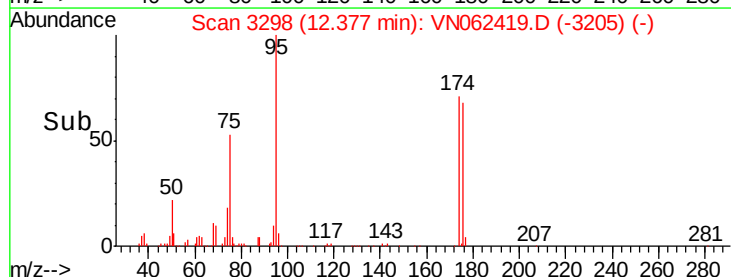
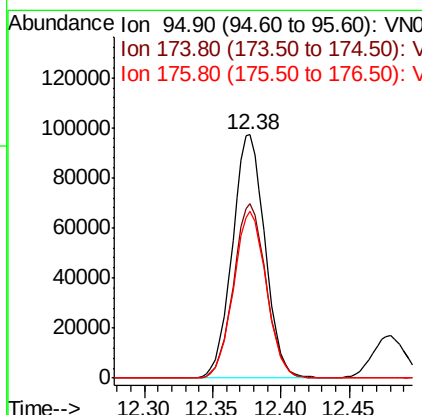
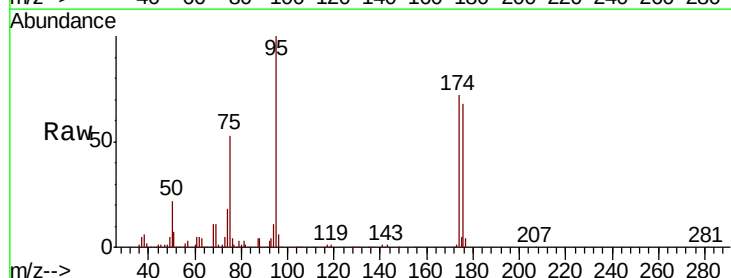
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

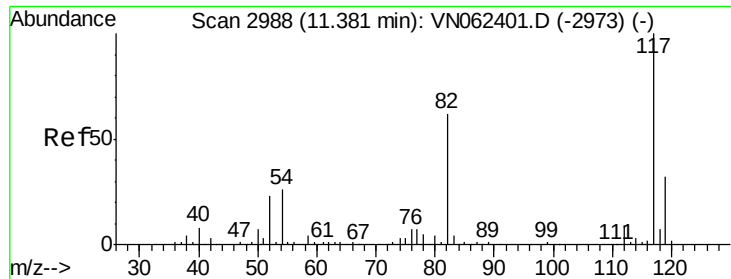
Tot Ion:107 Resp: 119874
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.217 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 95 Resp: 161271
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 141.6
 176 68.7 0.0 137.2

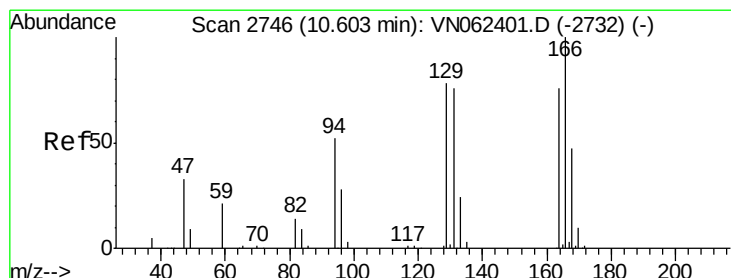
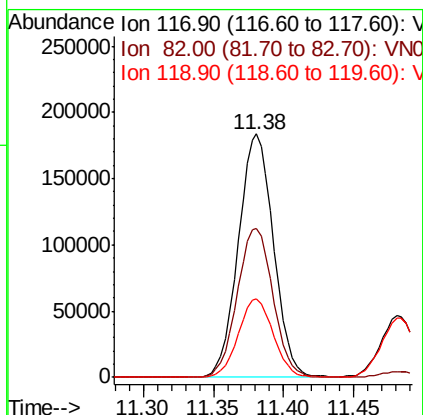
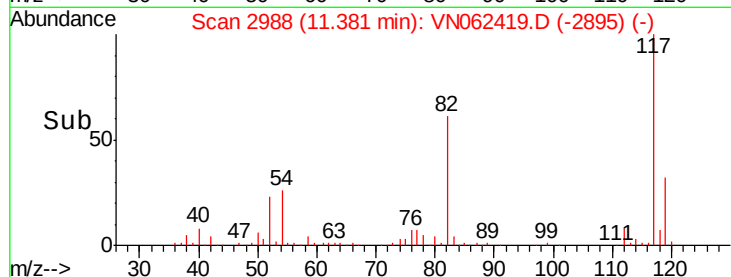
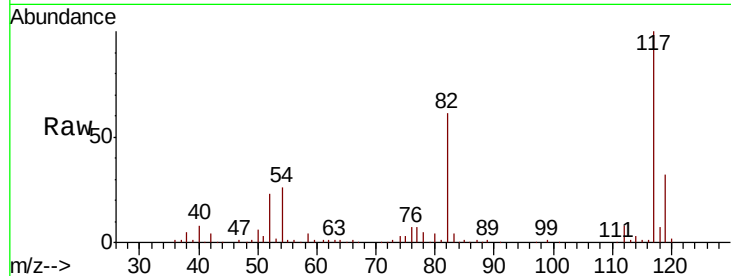




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

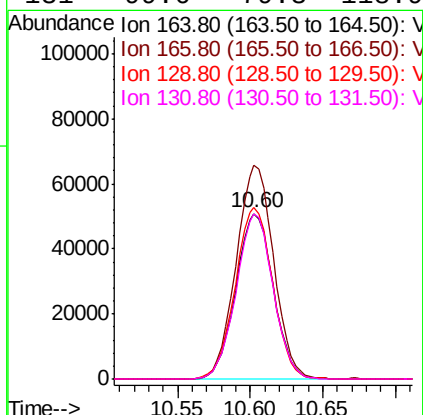
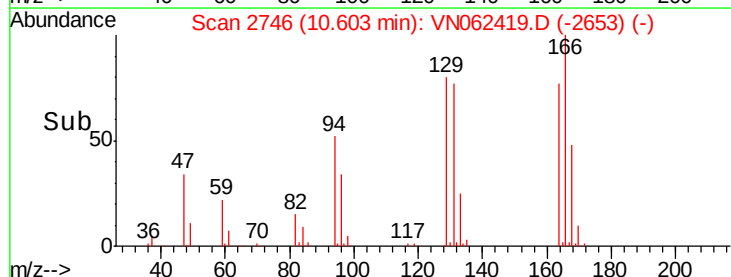
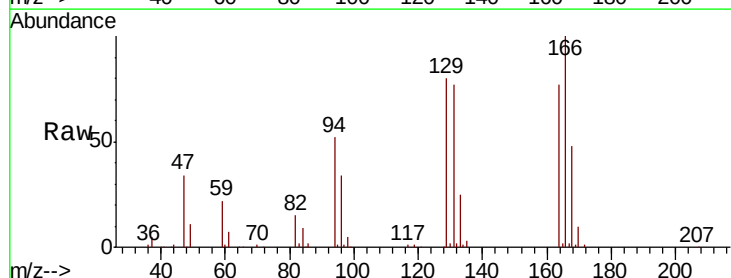
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

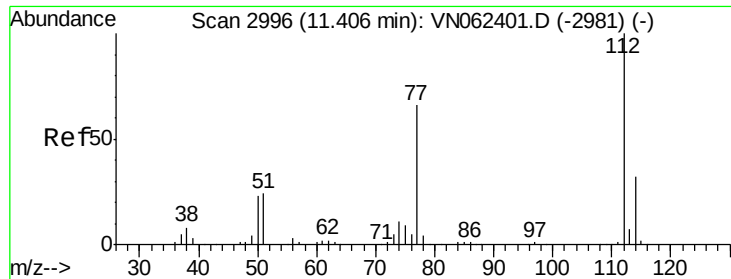
Tot Ion:117 Resp: 321352
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 47.955 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion:164 Resp: 91445
Ion Ratio Lower Upper
164 100
166 129.1 104.9 157.3
129 103.5 81.8 122.6
131 99.6 79.3 118.9

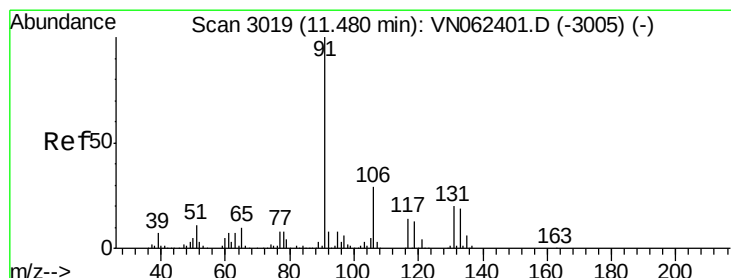
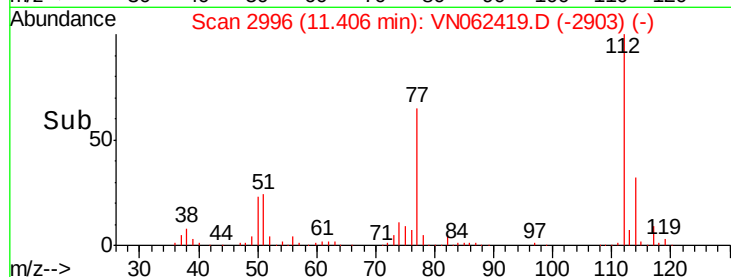
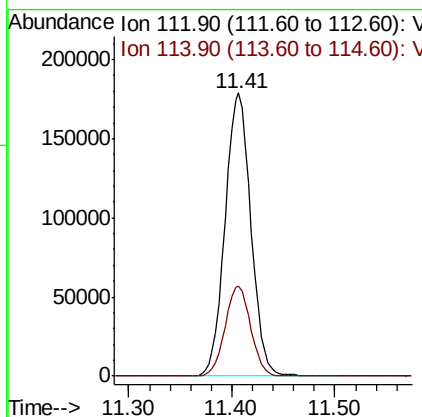
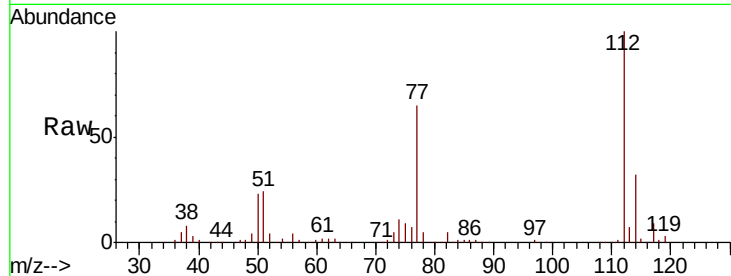




#65
Chlorobenzene
Concen: 49.887 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

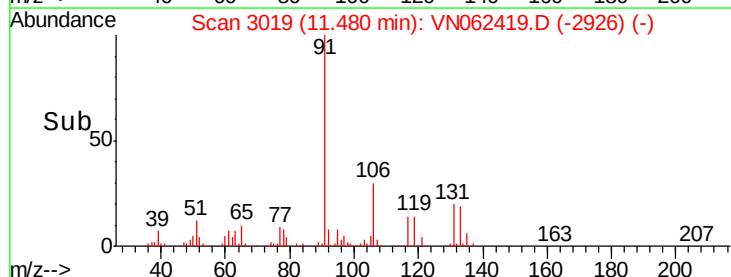
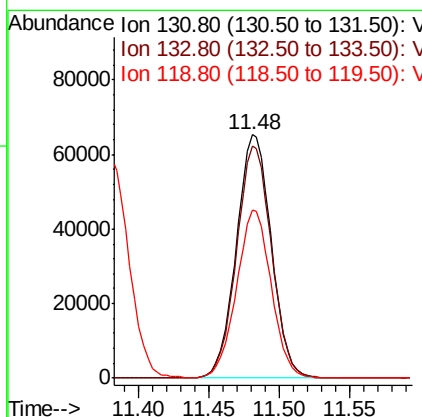
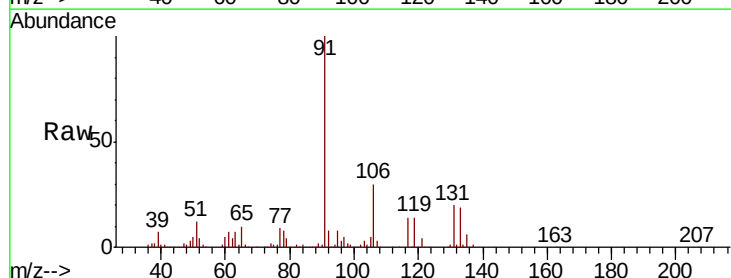
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

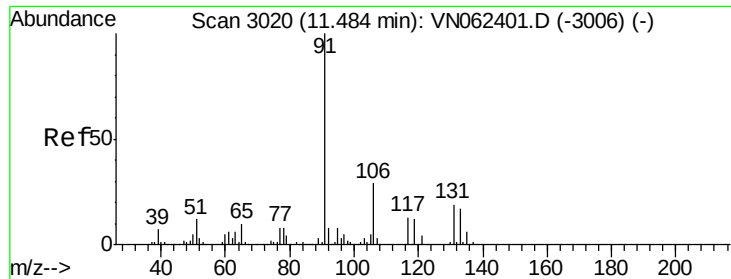
Tot Ion:112 Resp: 311572
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.317 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion:131 Resp: 113586
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.8
119 68.6 33.2 99.6

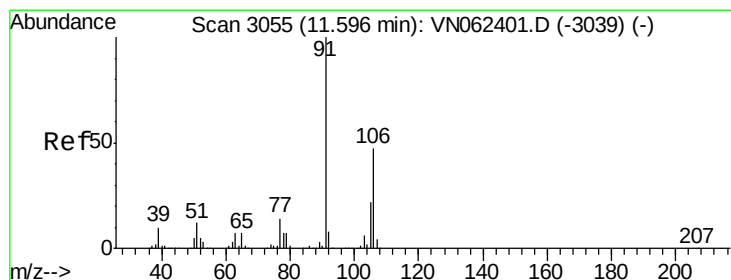
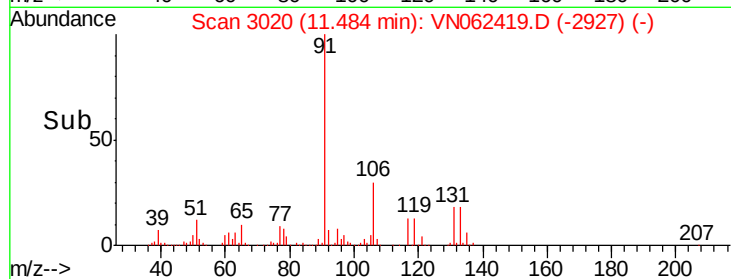
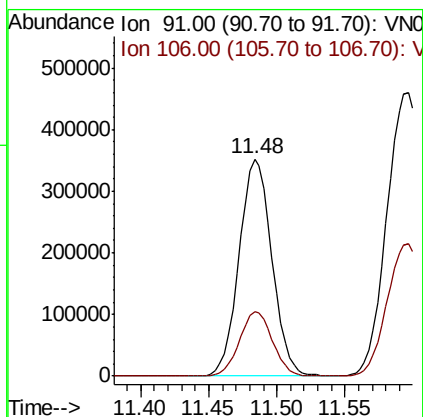
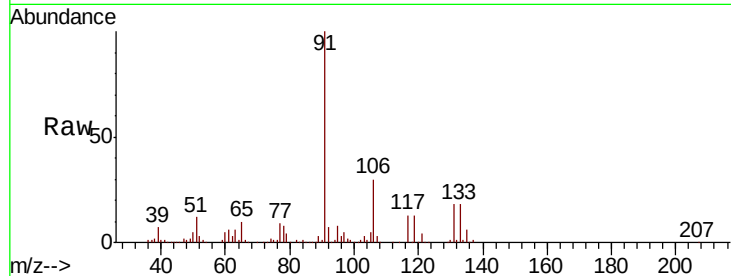




#67
Ethyl Benzene
Concen: 50.073 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

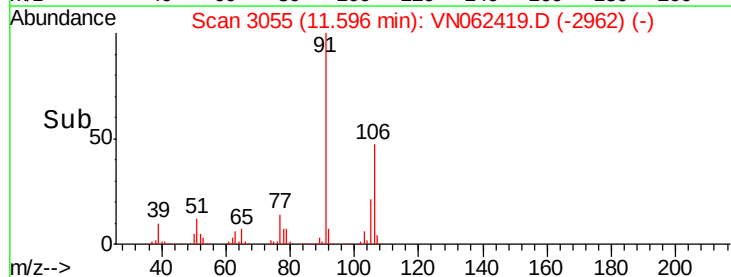
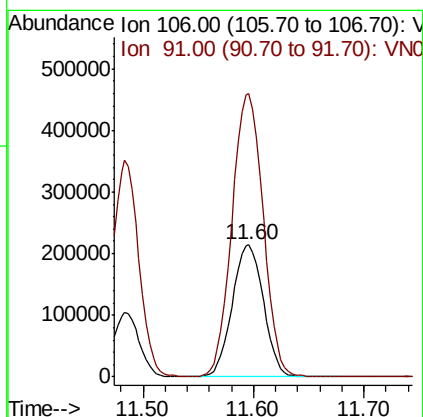
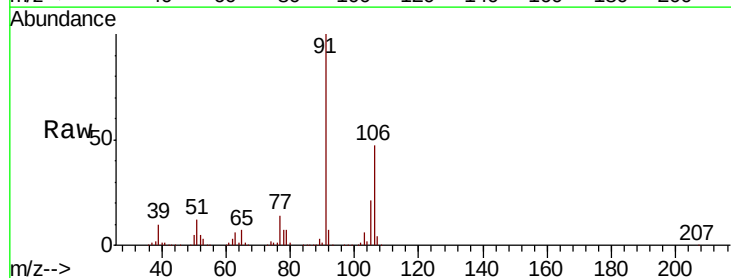
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

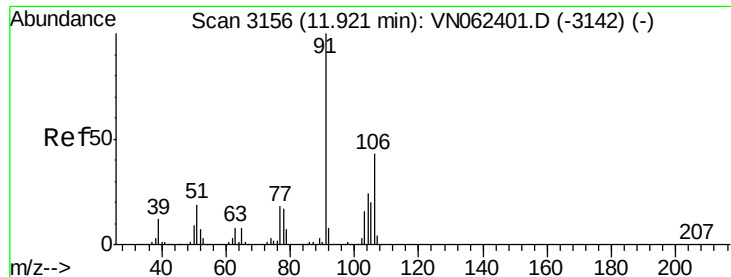
Tot Ion: 91 Resp: 587032
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.2



#68
m/p-Xylenes
Concen: 101.065 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 106 Resp: 419437
Ion Ratio Lower Upper
106 100
91 214.6 172.4 258.6





#69

o-Xylene

Concen: 50.326 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

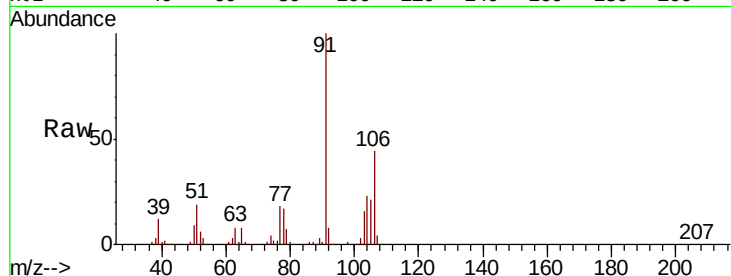
VSTDCCC050EC

Tot Ion:106 Resp: 203357

Ion Ratio Lower Upper

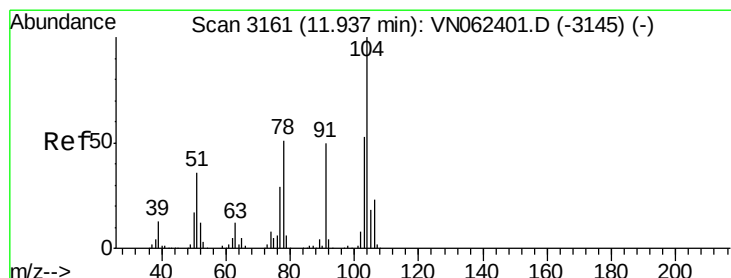
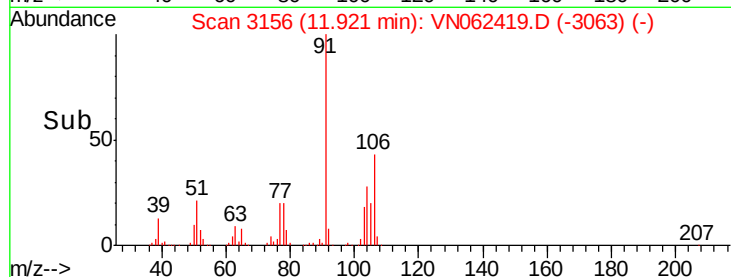
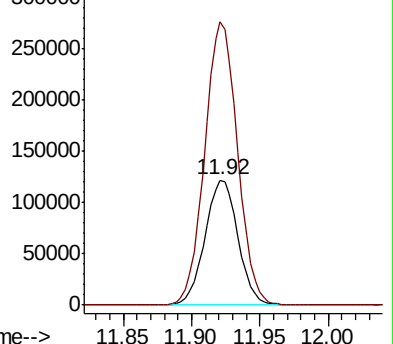
106 100

91 226.0 113.8 341.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 52.569 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

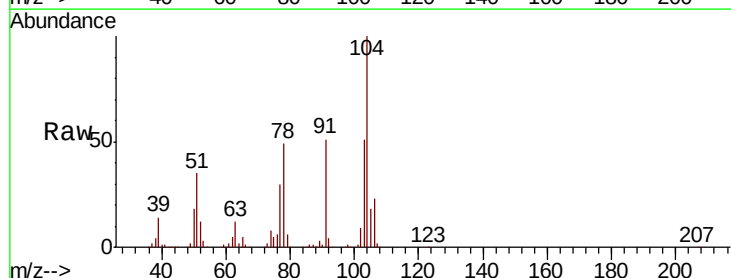
Tgt Ion:104 Resp: 351069

Ion Ratio Lower Upper

104 100

78 54.4 44.2 66.4

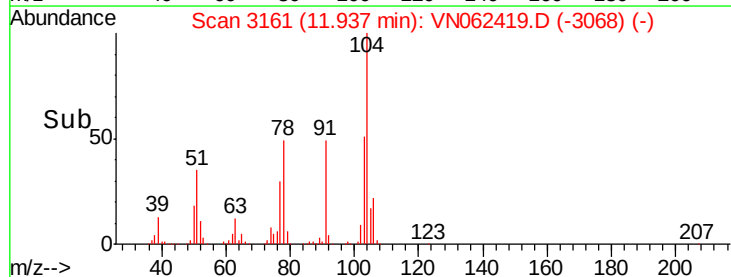
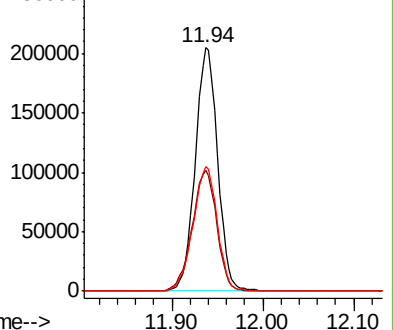
103 55.0 44.4 66.6

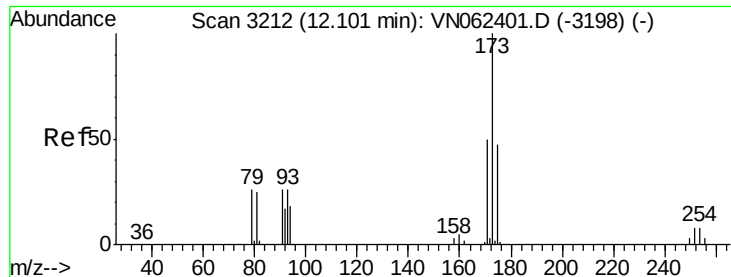


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.612 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

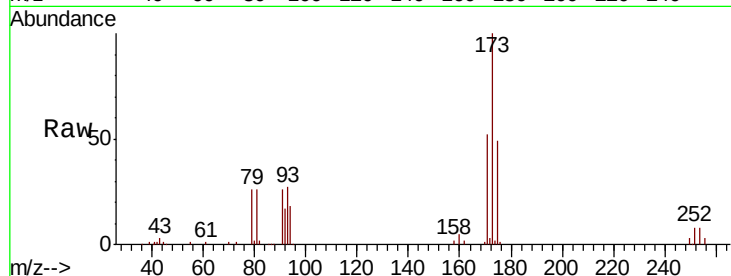
Tot Ion:173 Resp: 87141

Ion Ratio Lower Upper

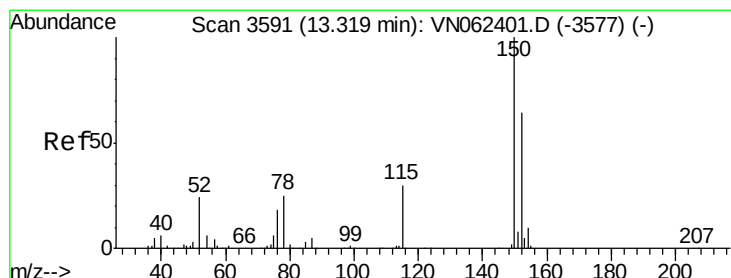
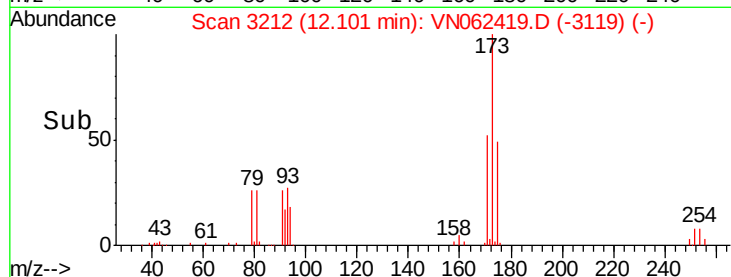
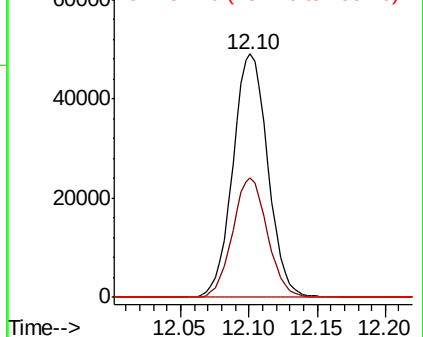
173 100

175 48.5 23.7 71.1

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

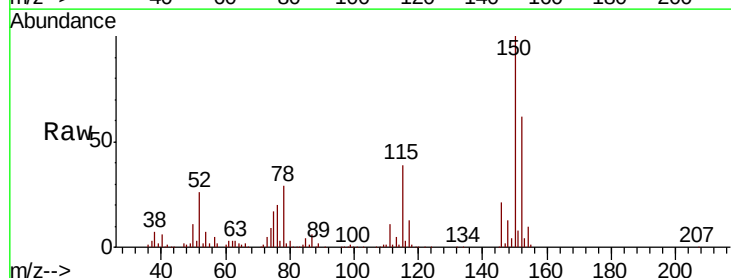
Tgt Ion:152 Resp: 149515

Ion Ratio Lower Upper

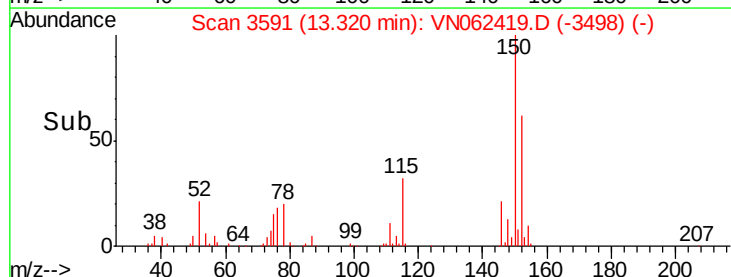
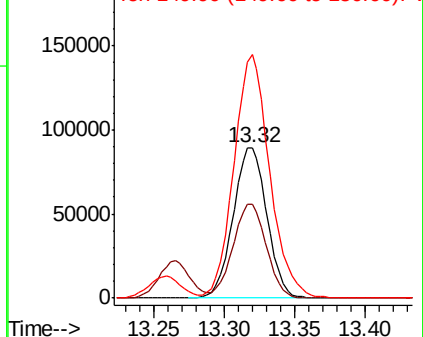
152 100

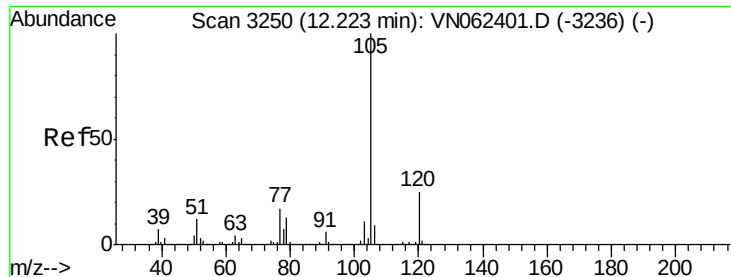
115 62.3 31.4 94.2

150 171.7 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.639 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

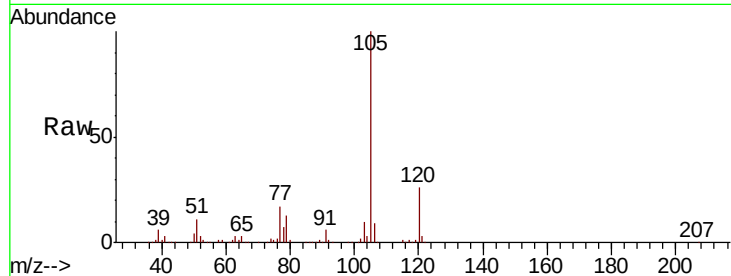
VSTDCCC050EC

Tot Ion:105 Resp: 551176

Ion Ratio Lower Upper

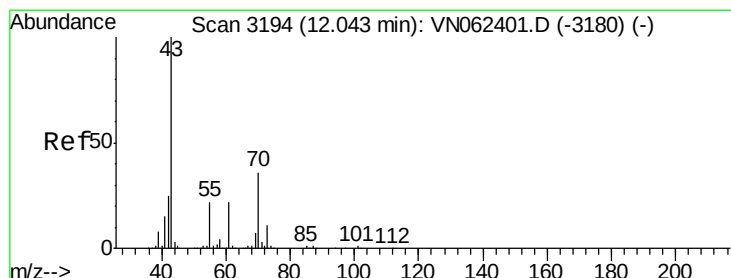
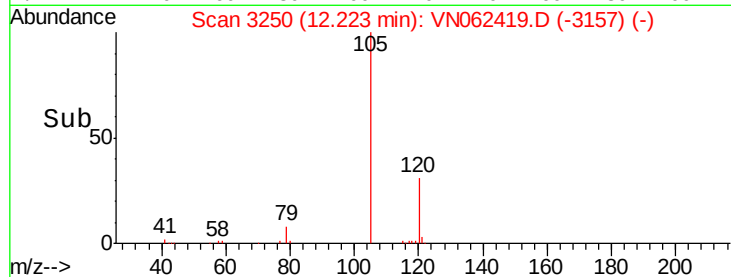
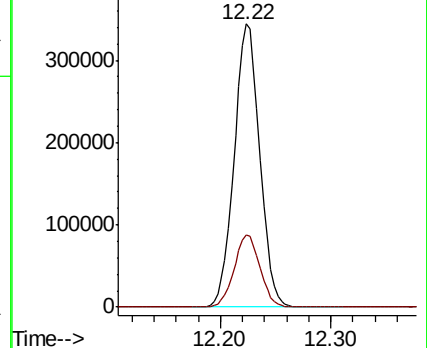
105 100

120 25.8 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.597 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Tgt Ion: 43 Resp: 284929

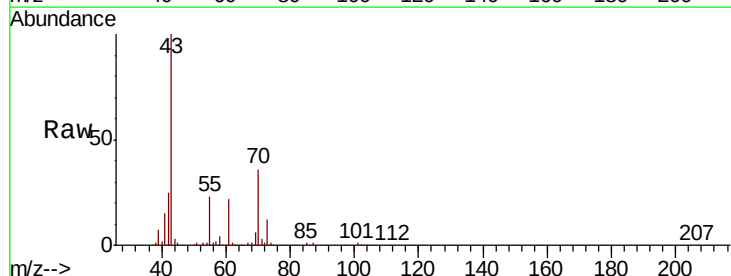
Ion Ratio Lower Upper

43 100

70 36.6 30.0 45.0

55 23.1 18.2 27.4

61 21.9 17.7 26.5

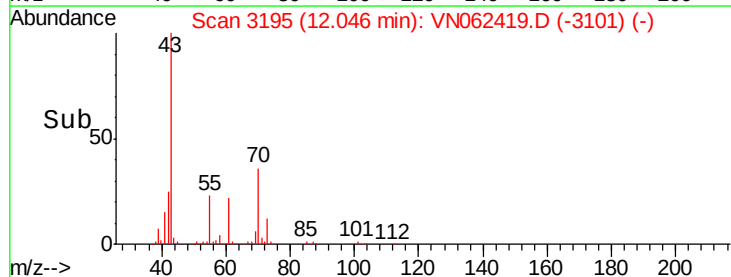
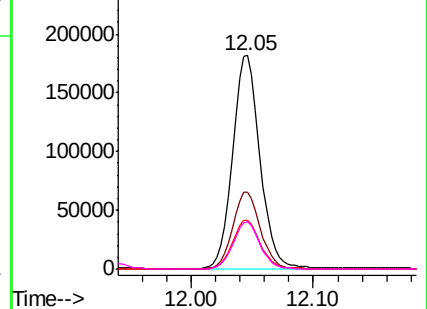


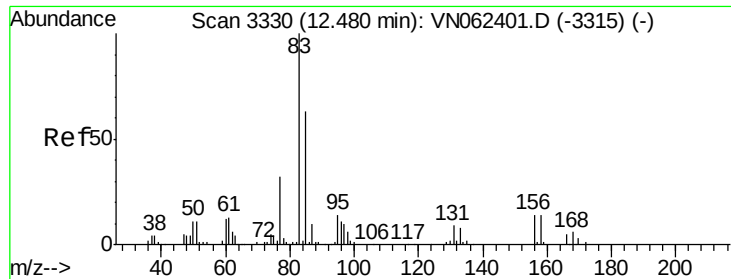
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.465 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

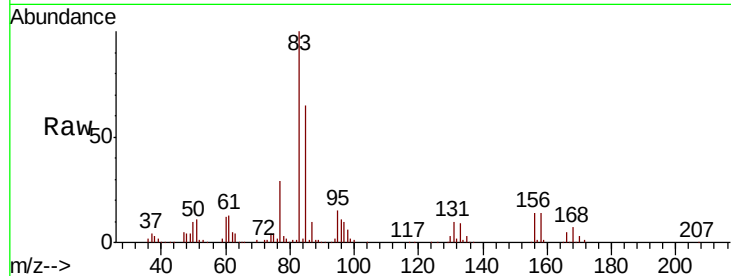
Tot Ion: 83 Resp: 184647

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.5

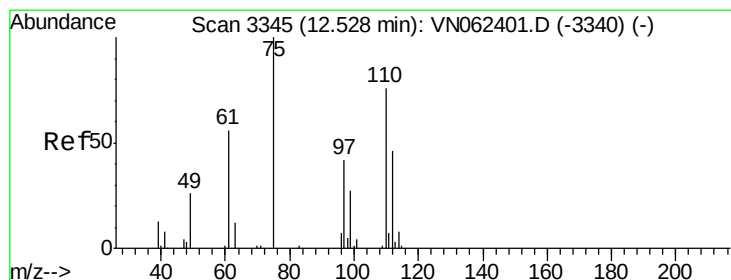
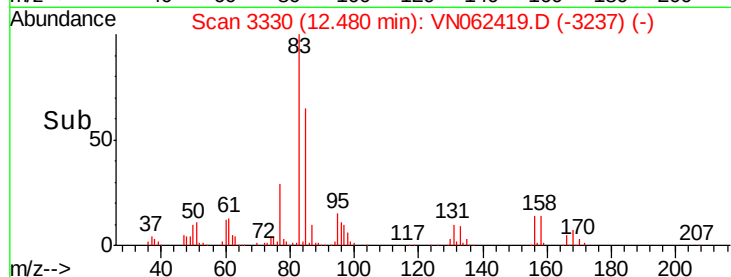
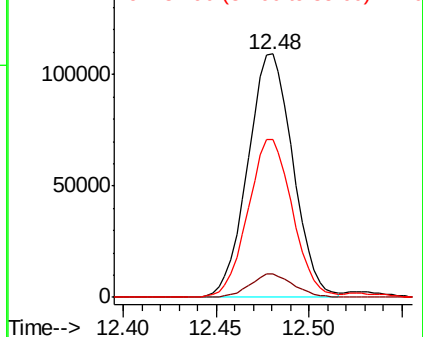
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062419.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062419.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062419.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 65.633 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062419.D

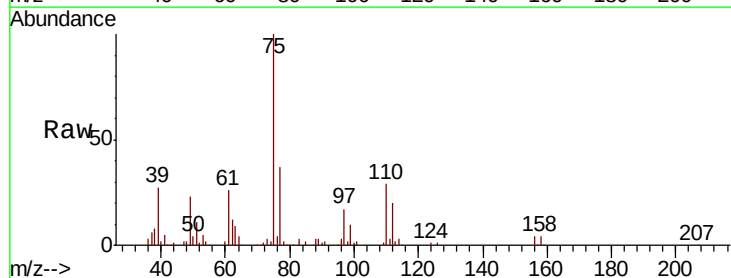
Acq: 8 Jul 2020 20:15

Tgt Ion: 75 Resp: 240779

Ion Ratio Lower Upper

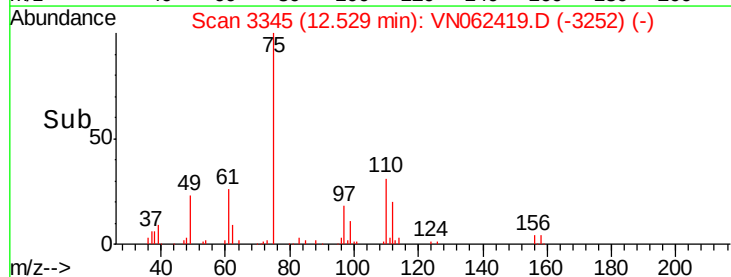
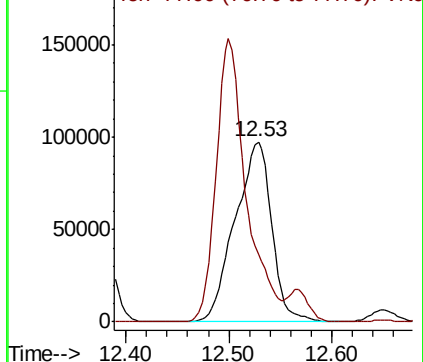
75 100

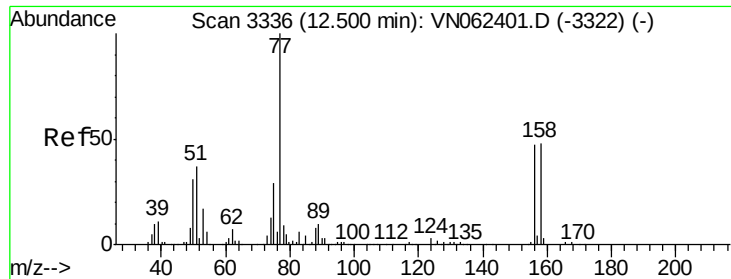
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062419.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062419.D (-3252) (-)





#77

Bromobenzene

Concen: 47.631 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

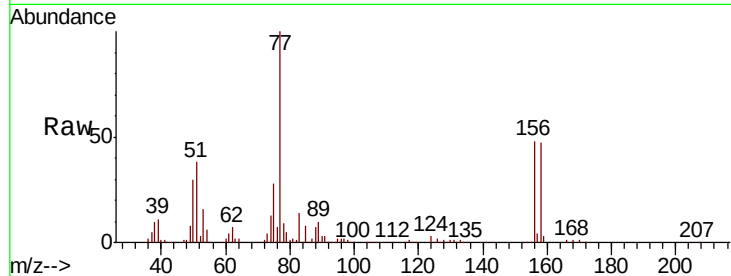
Tot Ion:156 Resp: 125283

Ion Ratio Lower Upper

156 100

77 247.2 126.4 379.3

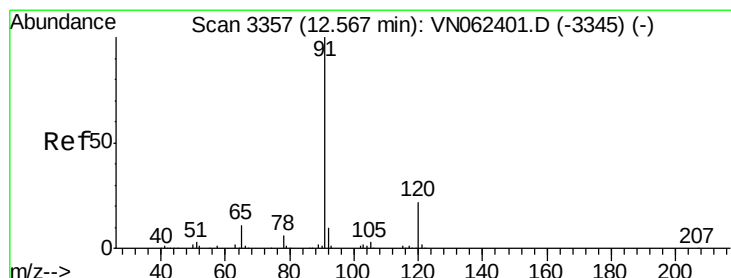
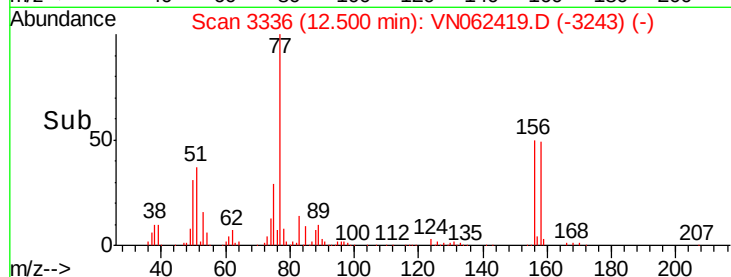
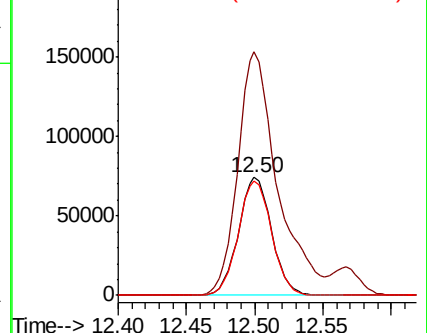
158 98.0 49.8 149.4



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: 47.908 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062419.D

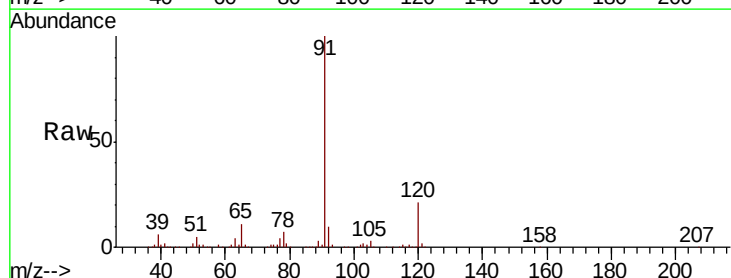
Acq: 8 Jul 2020 20:15

Tgt Ion: 91 Resp: 647466

Ion Ratio Lower Upper

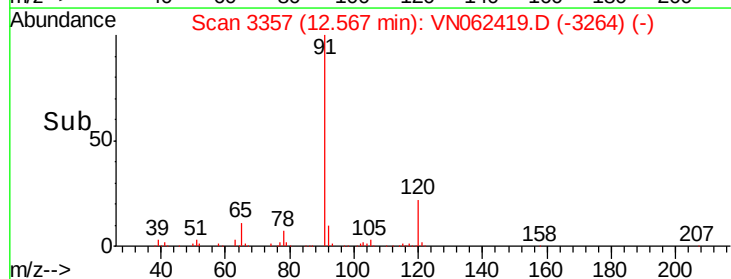
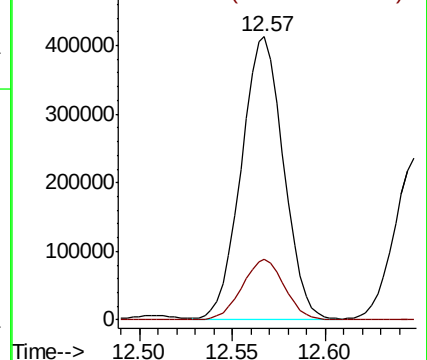
91 100

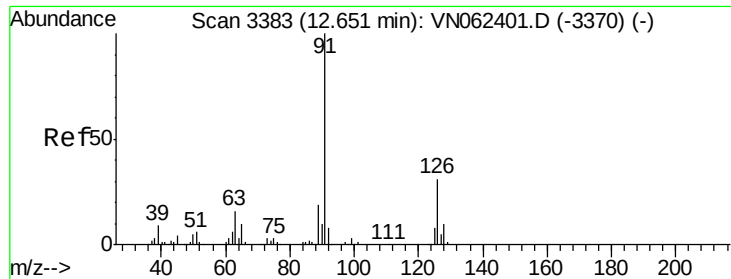
120 21.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

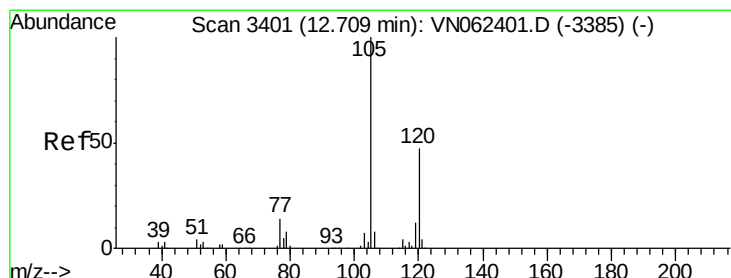
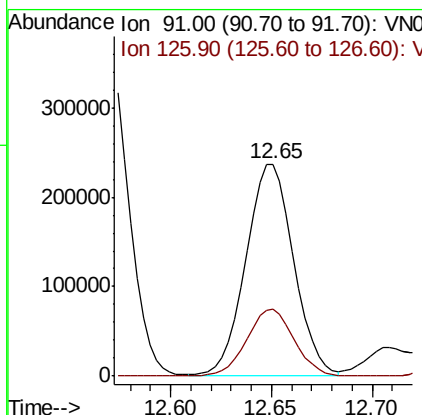
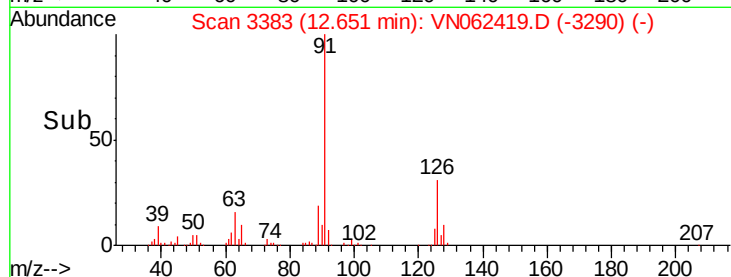
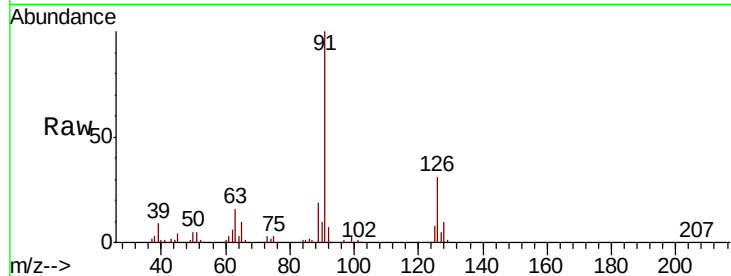




#79
2-Chlorotoluene
Concen: 47.420 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

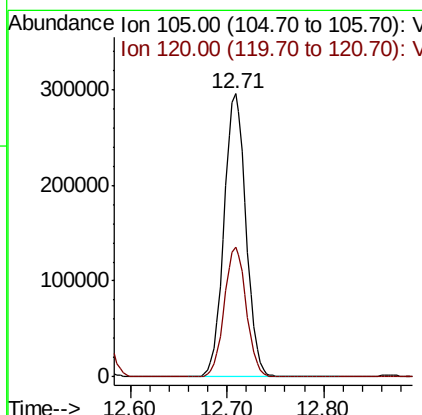
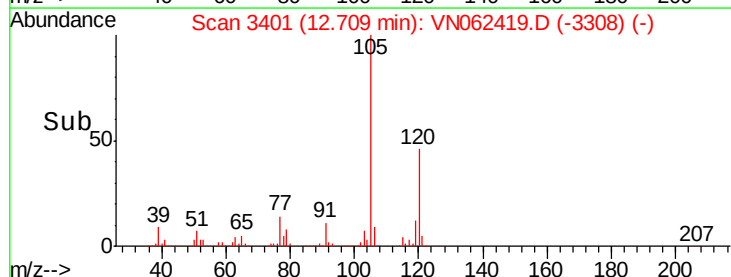
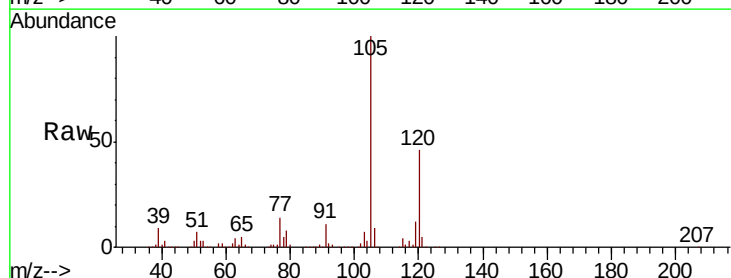
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

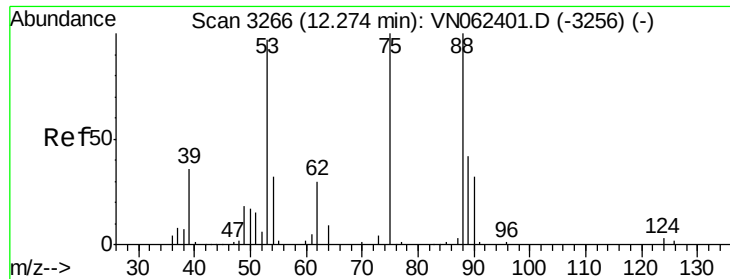
Tot Ion: 91 Resp: 388958
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 49.078 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion: 105 Resp: 465489
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.908 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

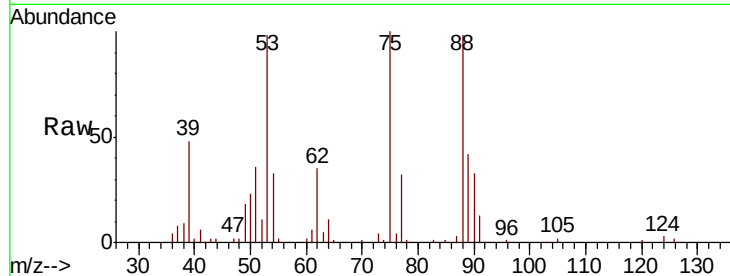
Tot Ion: 75 Resp: 62922

Ion Ratio Lower Upper

75 100

53 98.1 79.2 118.8

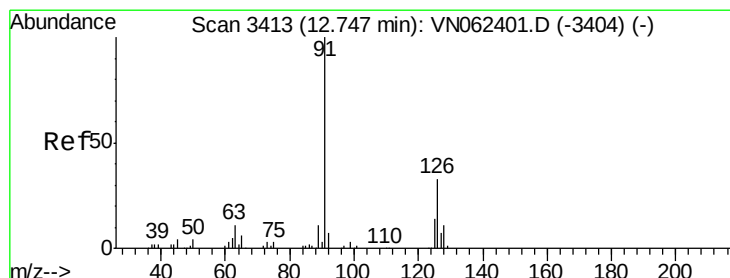
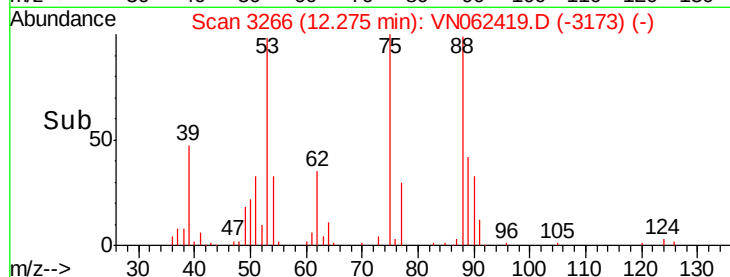
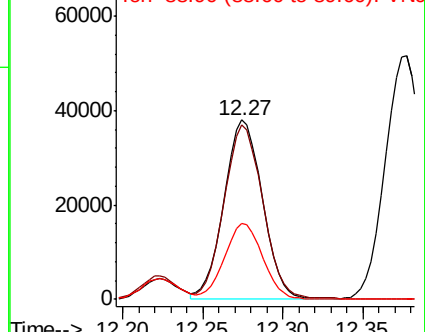
89 41.6 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.400 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062419.D

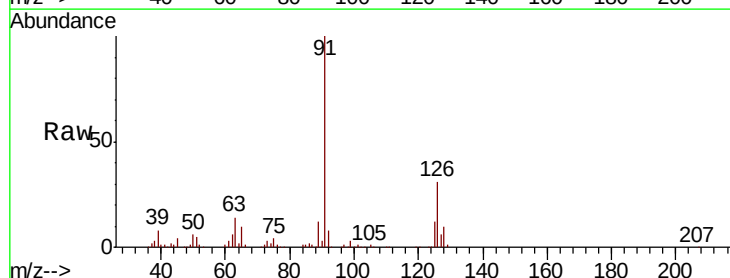
Acq: 8 Jul 2020 20:15

Tgt Ion: 91 Resp: 403035

Ion Ratio Lower Upper

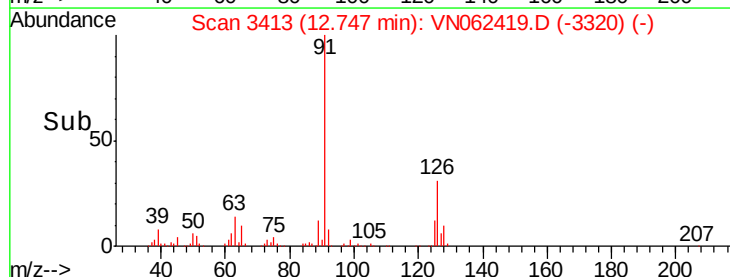
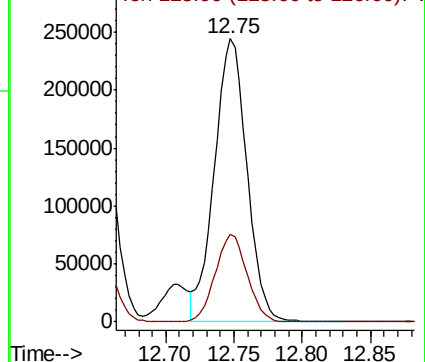
91 100

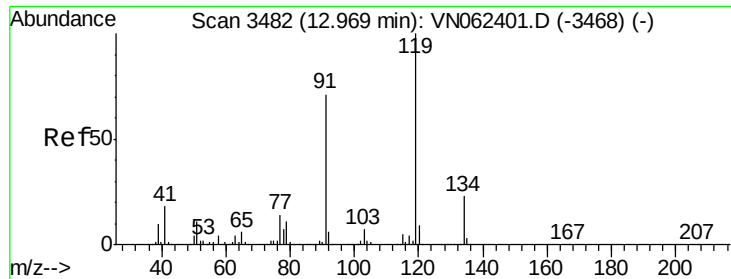
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

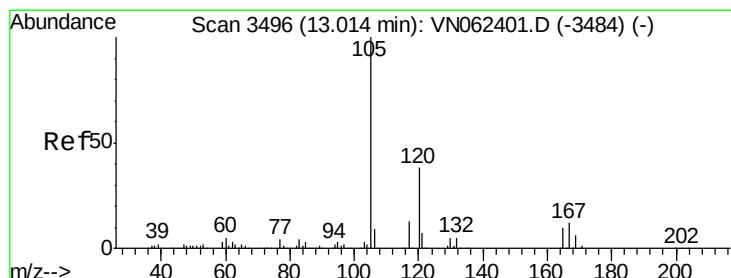
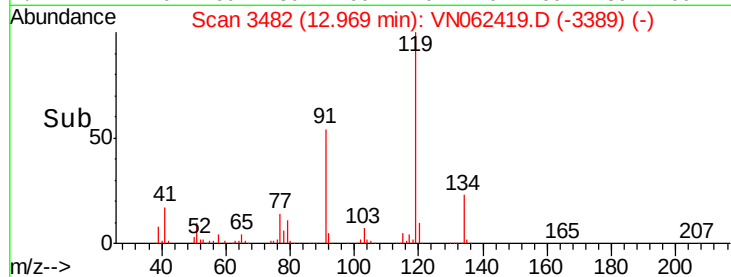
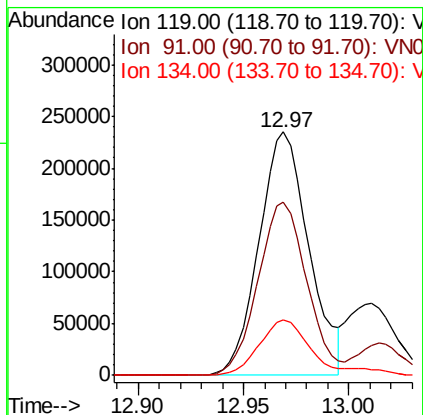
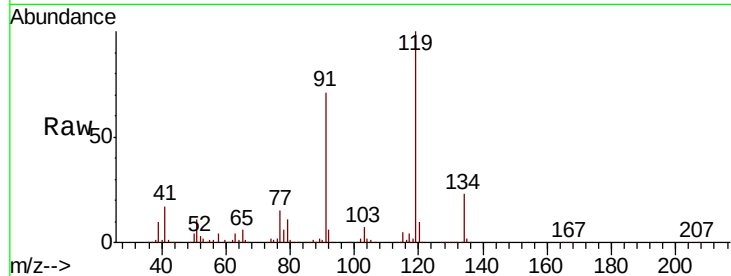




#83
 tert-Butylbenzene
 Concen: 48.065 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

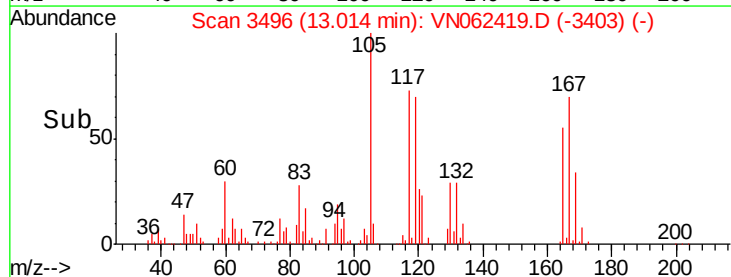
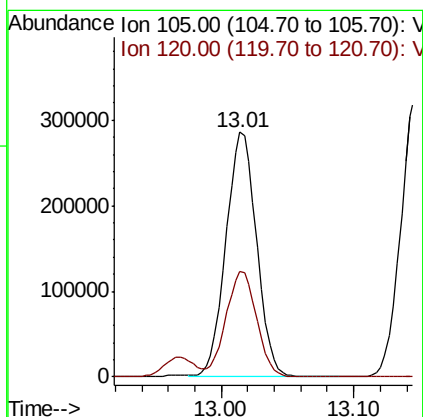
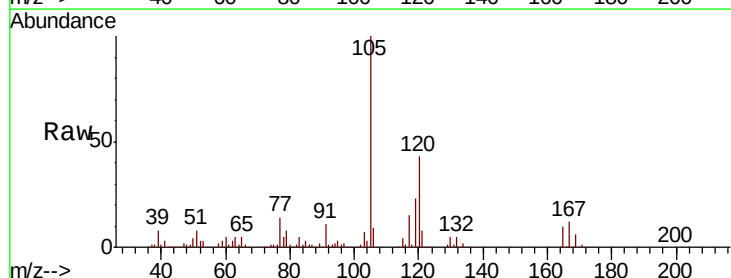
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

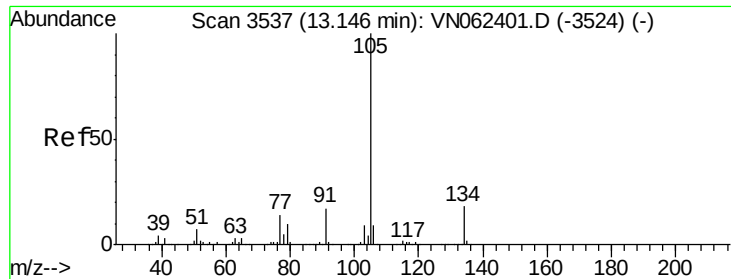
Tot Ion:119 Resp: 386867
 Ion Ratio Lower Upper
 119 100
 91 70.0 34.8 104.3
 134 22.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.567 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion:105 Resp: 457864
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.6 64.8





#85

sec-Butylbenzene

Concen: 48.783 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

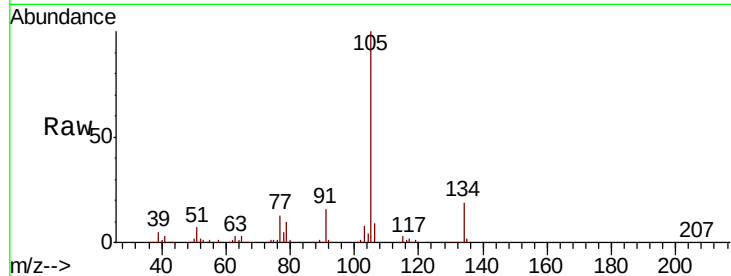
VSTDCCC050EC

Tot Ion:105 Resp: 520304

Ion Ratio Lower Upper

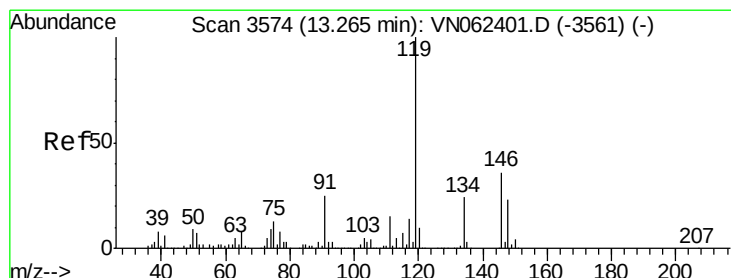
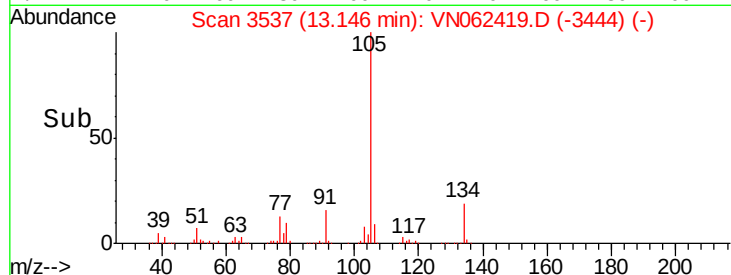
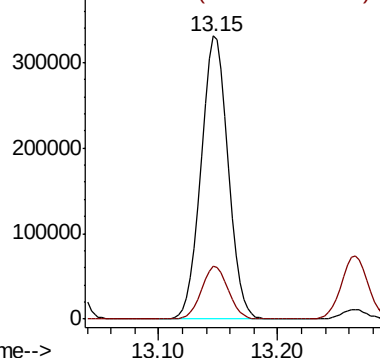
105 100

134 18.5 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.054 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

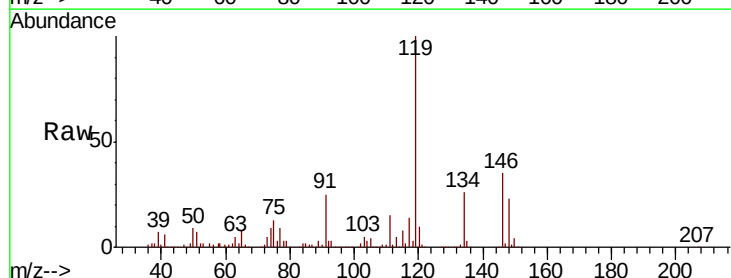
Tgt Ion:119 Resp: 451563

Ion Ratio Lower Upper

119 100

134 25.6 12.4 37.0

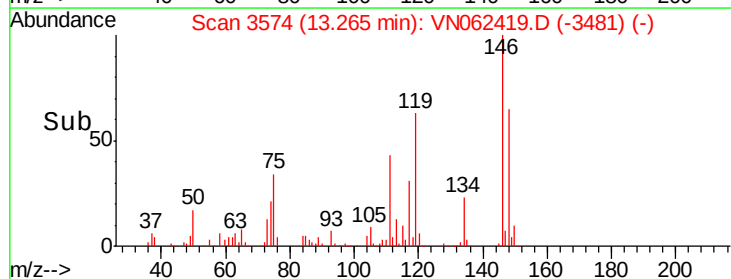
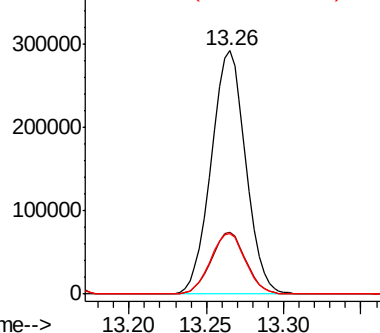
91 25.5 12.4 37.4

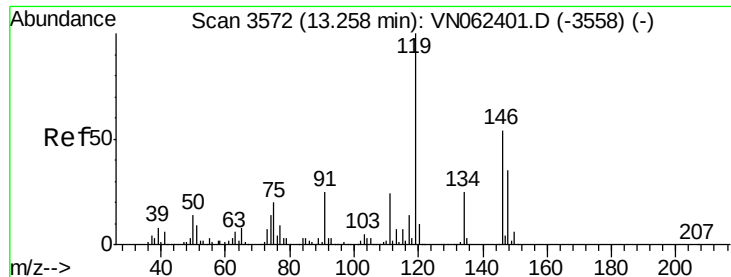


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

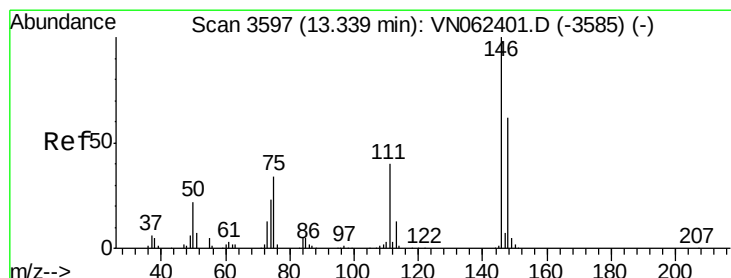
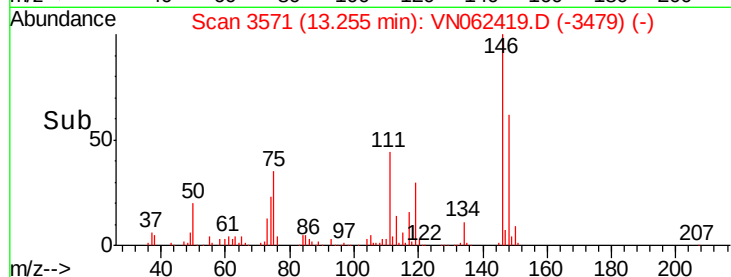
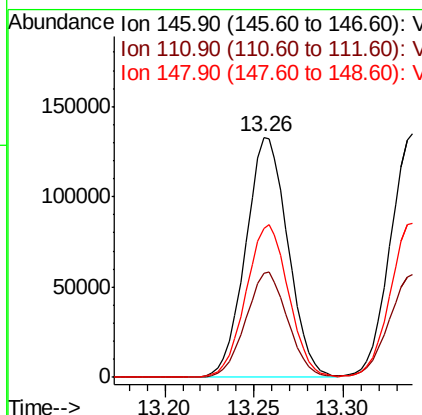
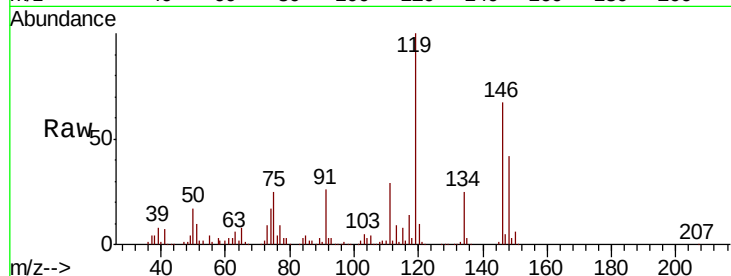




#87
 1,3-Dichlorobenzene
 Concen: 48.645 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

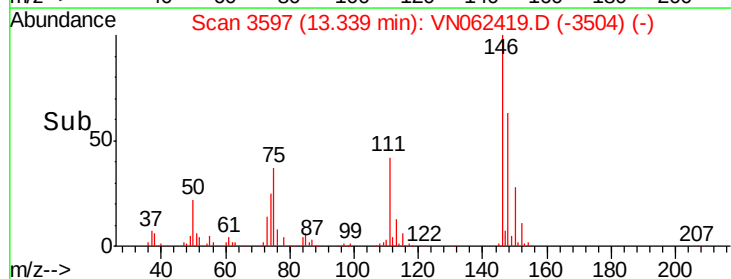
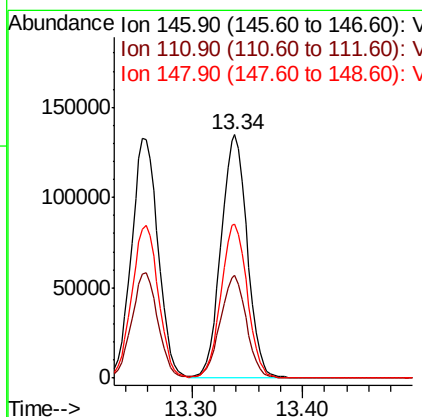
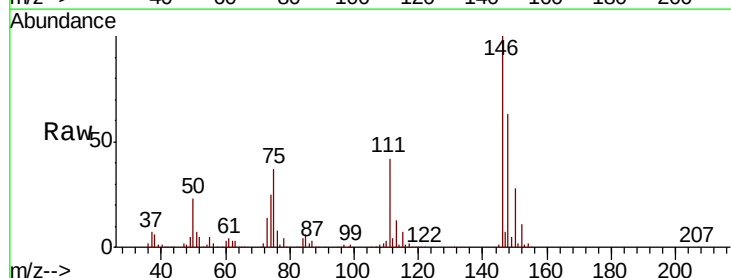
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

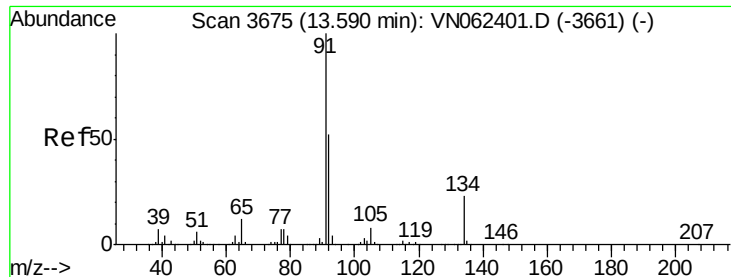
Tot Ion:146 Resp: 220733
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 64.6
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 47.399 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion:146 Resp: 221306
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.1
 148 63.8 31.4 94.2





#89

n-Butylbenzene

Concen: 47.783 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062419.D

Acq: 8 Jul 2020 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

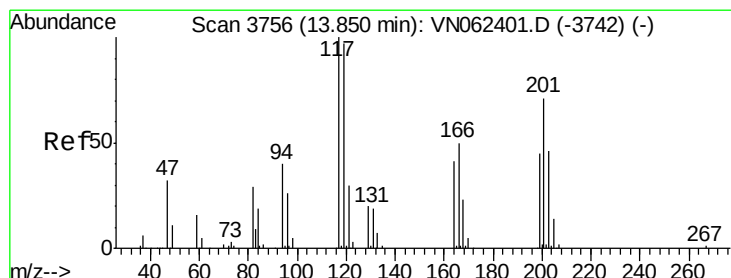
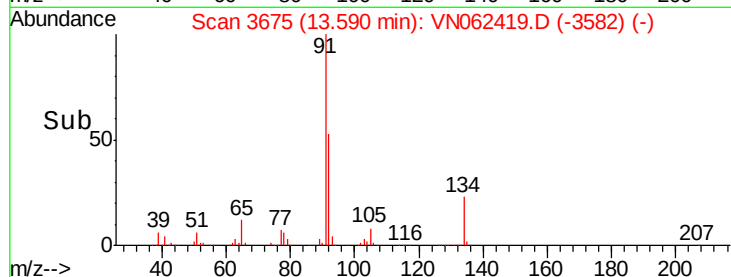
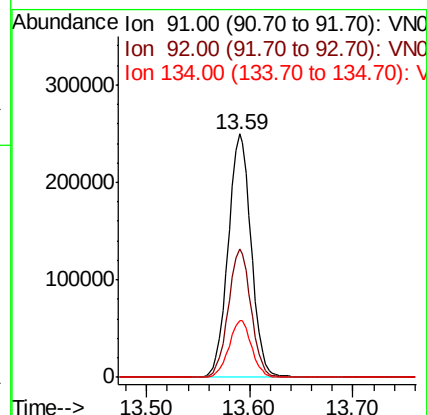
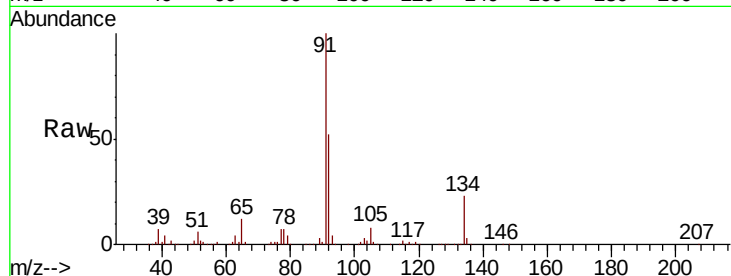
Tot Ion: 91 Resp: 388389

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 23.1 11.6 34.8



#90

Hexachloroethane

Concen: 48.117 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062419.D

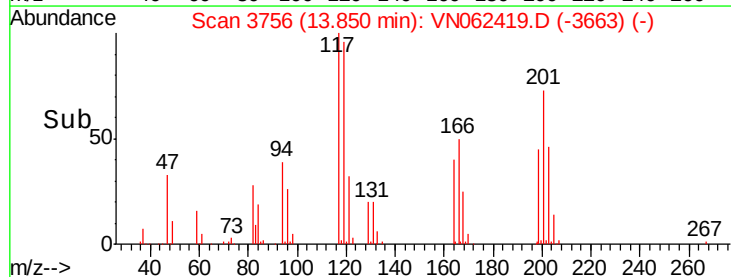
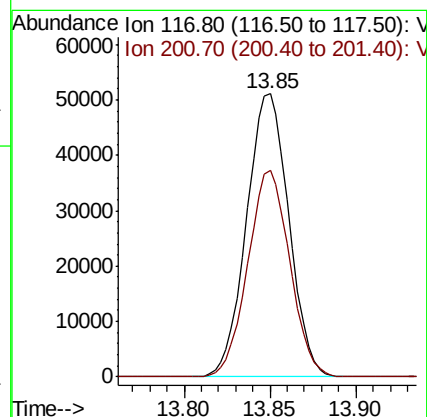
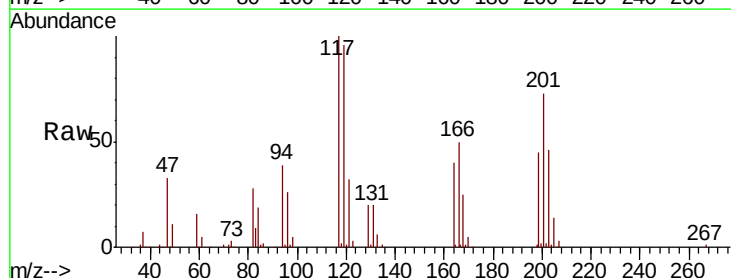
Acq: 8 Jul 2020 20:15

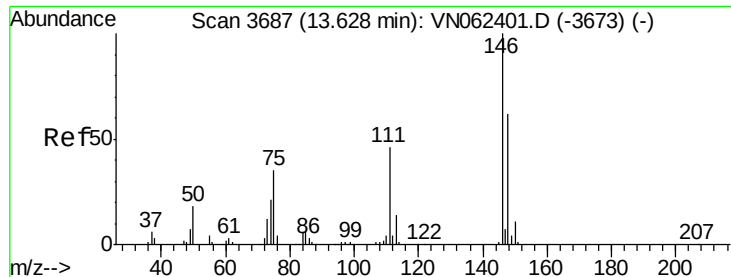
Tgt Ion: 117 Resp: 87132

Ion Ratio Lower Upper

117 100

201 72.2 35.4 106.2

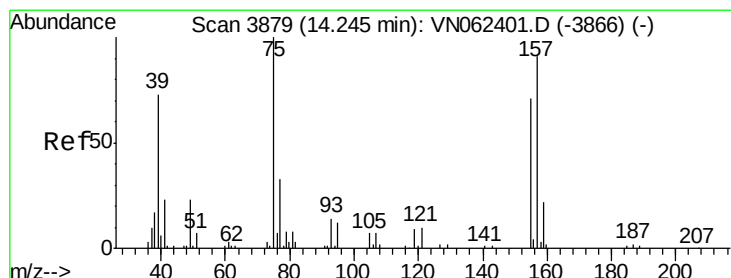
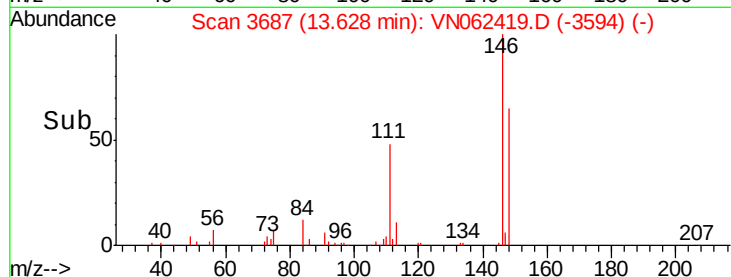
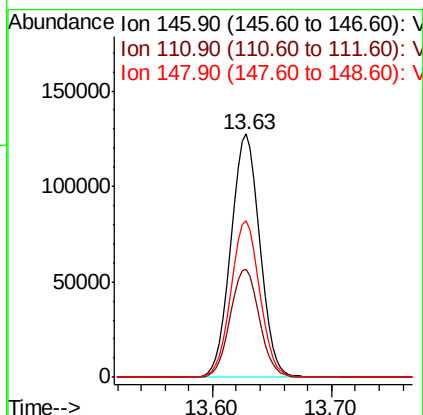
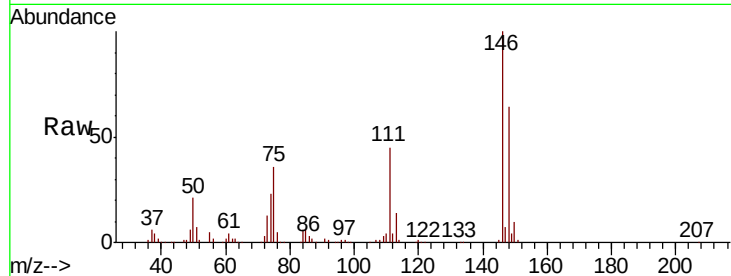




#91
 1,2-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

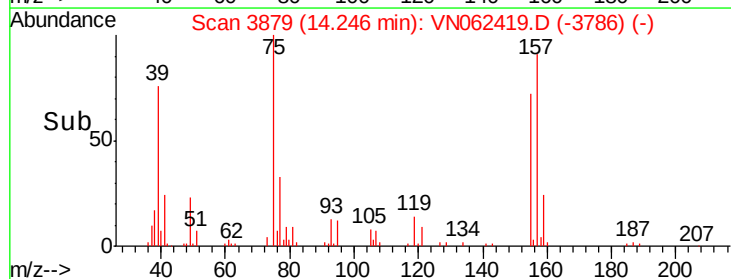
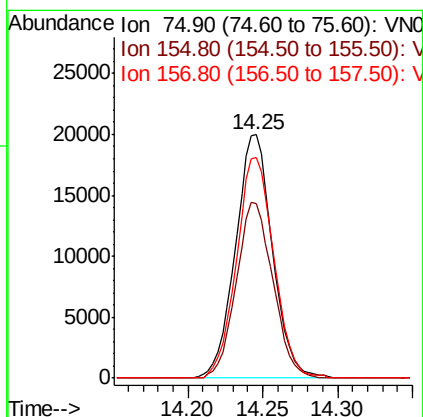
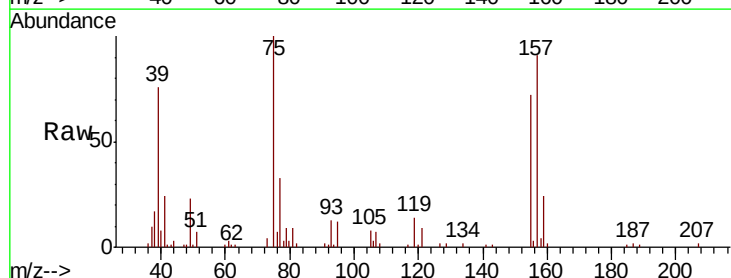
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

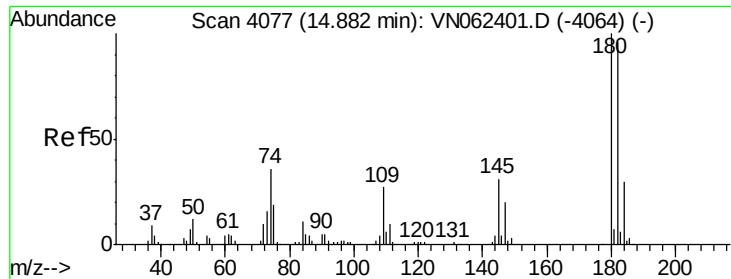
Tot Ion:146 Resp: 215693
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.5 67.5
 148 64.0 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.494 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion: 75 Resp: 34427
 Ion Ratio Lower Upper
 75 100
 155 71.4 35.2 105.6
 157 91.4 45.8 137.3

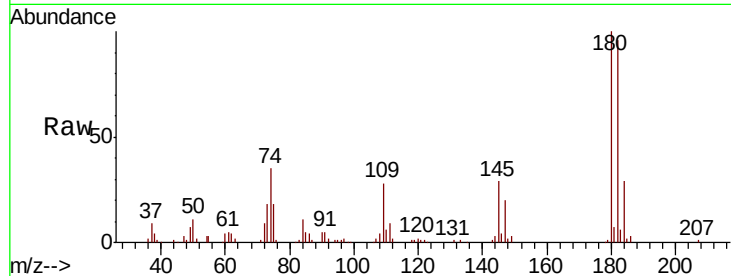




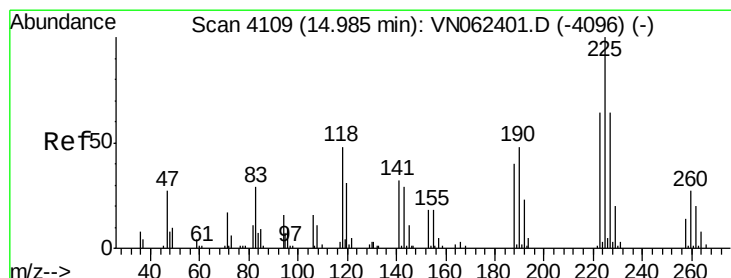
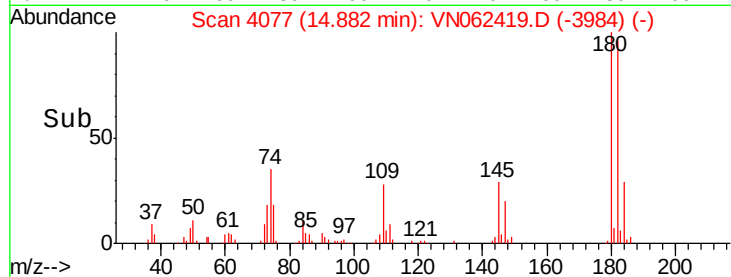
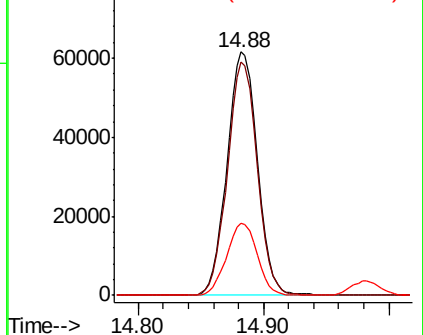
#93
 1,2,4-Trichlorobenzene
 Concen: 49.578 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 103198
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.4 145.2
 145 29.8 15.5 46.5

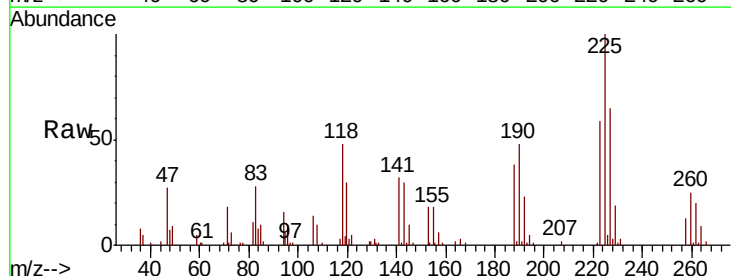


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

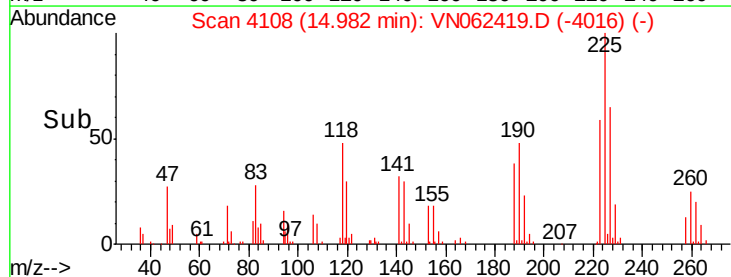
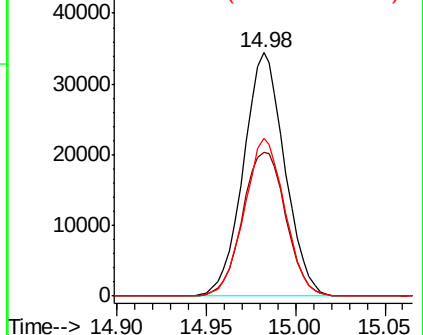


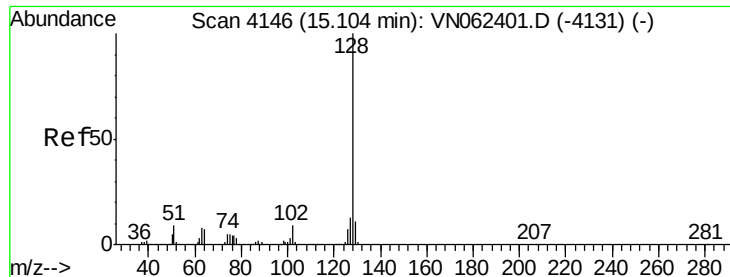
#94
 Hexachlorobutadiene
 Concen: 47.886 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062419.D
 Acq: 8 Jul 2020 20:15

Tgt Ion:225 Resp: 55781
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.3 96.8
 227 63.7 31.9 95.7



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

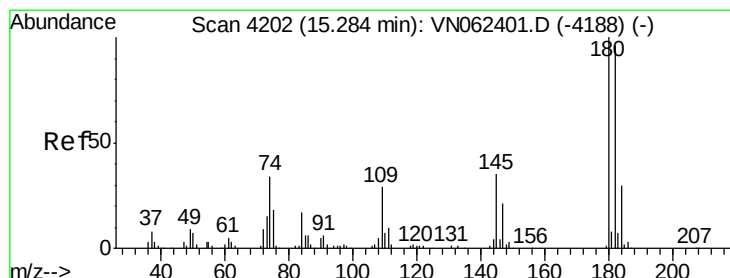
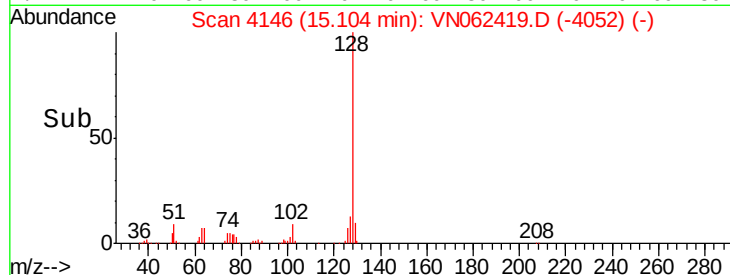
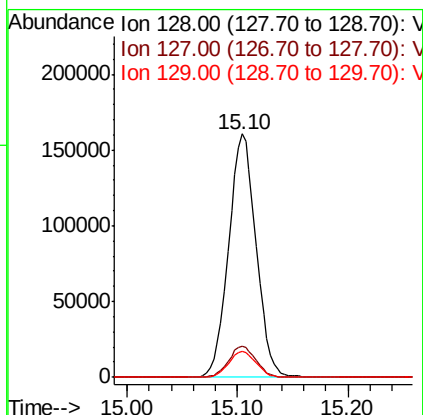
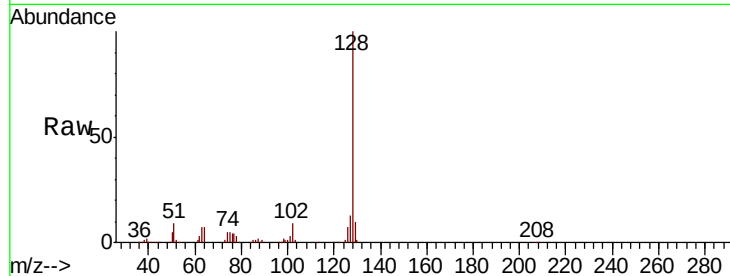




#95
Naphthalene
Concen: 48.843 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 277651
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 43.335 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062419.D
Acq: 8 Jul 2020 20:15

Tgt Ion:180 Resp: 101288
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.4
145 33.7 17.0 50.9

