

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060687.D
 Acq On : 25 Mar 2020 11:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/26/2020 11:00:08 AM

Quant Time: Mar 26 07:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	285945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	130335	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.56	113	96998	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.08	98	389333	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	143880	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98004	52.614	ug/l	99
3) Chloromethane	2.04	50	166846	47.959	ug/l	99
4) Vinyl Chloride	2.17	62	128929	47.382	ug/l	99
5) Bromomethane	2.54	94	58415	49.730	ug/l	98
6) Chloroethane	2.68	64	80398	51.292	ug/l	98
7) Trichlorofluoromethane	3.00	101	172599	51.492	ug/l	99
8) Diethyl Ether	3.38	74	70506	52.361	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	103782	53.433	ug/l	100
10) Methyl Iodide	3.93	142	89958	52.050	ug/l	99
11) Tert butyl alcohol	4.72	59	96066	247.172	ug/l	99
12) 1,1-Dichloroethene	3.72	96	104917	50.337	ug/l	99
13) Acrolein	3.57	56	151932	352.714	ug/l	98
14) Allyl chloride	4.29	41	185895	50.710	ug/l	98
15) Acrylonitrile	4.94	53	296450	259.385	ug/l	99
16) Acetone	3.77	43	267773	286.050	ug/l	98
17) Carbon Disulfide	4.03	76	314975	49.689	ug/l	99
18) Methyl Acetate	4.28	43	135944	51.594	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	362517	50.588	ug/l	98
20) Methylene Chloride	4.52	84	118316	51.380	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	111857	50.354	ug/l	93
22) Diisopropyl ether	5.91	45	409283	52.847	ug/l	97
23) Vinyl Acetate	5.85	43	1699694	268.980	ug/l	99
24) 1,1-Dichloroethane	5.81	63	222556	52.713	ug/l	100
25) 2-Butanone	6.79	43	405624	267.777	ug/l	98
26) 2,2-Dichloropropane	6.79	77	189184	56.952	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	129031	51.115	ug/l	99
28) Bromochloromethane	7.16	49	104030	51.500	ug/l	99
29) Tetrahydrofuran	7.17	42	266706	248.846	ug/l	99
30) Chloroform	7.34	83	209134	51.670	ug/l	99
31) Cyclohexane	7.63	56	209430	49.203	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	180190	51.642	ug/l	98
36) 1,1-Dichloropropene	7.77	75	165304	54.573	ug/l	100
37) Ethyl Acetate	6.89	43	167968	51.320	ug/l	99
38) Carbon Tetrachloride	7.75	117	144697	53.300	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	195509	54.314	ug/l	98
40) Benzene	8.02	78	488126	53.383	ug/l	100
41) Methacrylonitrile	7.14	41	61803m	44.246	ug/l	
42) 1,2-Dichloroethane	8.10	62	169541	54.254	ug/l	99
43) Isopropyl Acetate	8.14	43	287549	53.273	ug/l	99
44) Trichloroethene	8.81	130	124773	54.130	ug/l	97
45) 1,2-Dichloropropane	9.10	63	133378	55.280	ug/l	97
46) Dibromomethane	9.19	93	80746	55.356	ug/l	100
47) Bromodichloromethane	9.38	83	167702	55.327	ug/l	98
48) Methyl methacrylate	9.18	41	127495	53.052	ug/l	98
49) 1,4-Dioxane	9.18	88	36577	1280.486	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	826249	269.003	ug/l	100
52) Toluene	10.14	92	300663	54.445	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	194294	55.803	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	209844	54.937	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	114345	53.822	ug/l	99
56) Ethyl methacrylate	10.42	69	184528	55.705	ug/l	99
57) 1,3-Dichloropropane	10.70	76	201543	54.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	497536	302.197	ug/l	99
59) 2-Hexanone	10.74	43	606311	274.029	ug/l	100
60) Dibromochloromethane	10.89	129	120998	55.137	ug/l	100
61) 1,2-Dibromoethane	10.99	107	116791	54.670	ug/l	99
64) Tetrachloroethene	10.62	164	117929	52.410	ug/l	99
65) Chlorobenzene	11.42	112	308270	54.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	112432	54.781	ug/l	98
67) Ethyl Benzene	11.50	91	577459	54.779	ug/l	100
68) m/p-Xylenes	11.61	106	427203	109.055	ug/l	99
69) o-Xylene	11.94	106	203232	54.347	ug/l	100
70) Styrene	11.96	104	342820	56.053	ug/l	100
71) Bromoform	12.12	173	87038	50.990	ug/l #	99
73) Isopropylbenzene	12.24	105	547432	51.767	ug/l	100
74) N-amyl acetate	12.06	43	253309	51.837	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	165043	51.609	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	149099m	49.035	ug/l	
77) Bromobenzene	12.52	156	132619	52.044	ug/l	98
78) n-propylbenzene	12.59	91	657402	52.618	ug/l	99
79) 2-Chlorotoluene	12.67	91	381466	51.101	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	470856	52.468	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	62119	52.469	ug/l	99
82) 4-Chlorotoluene	12.77	91	403859	53.118	ug/l	99
83) tert-Butylbenzene	12.99	119	386305	51.927	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	466274	52.518	ug/l	100
85) sec-Butylbenzene	13.17	105	528128	52.793	ug/l	99
86) p-Isopropyltoluene	13.28	119	476393	52.958	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	240326	53.473	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	238874	52.902	ug/l	99
89) n-Butylbenzene	13.61	91	442079	54.431	ug/l	100
90) Hexachloroethane	13.87	117	72023	55.081	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	230582	53.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33499	50.011	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	144837	54.883	ug/l	100
94) Hexachlorobutadiene	15.01	225	68175	52.697	ug/l	100
95) Naphthalene	15.13	128	416255	52.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137361	52.844	ug/l	98

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

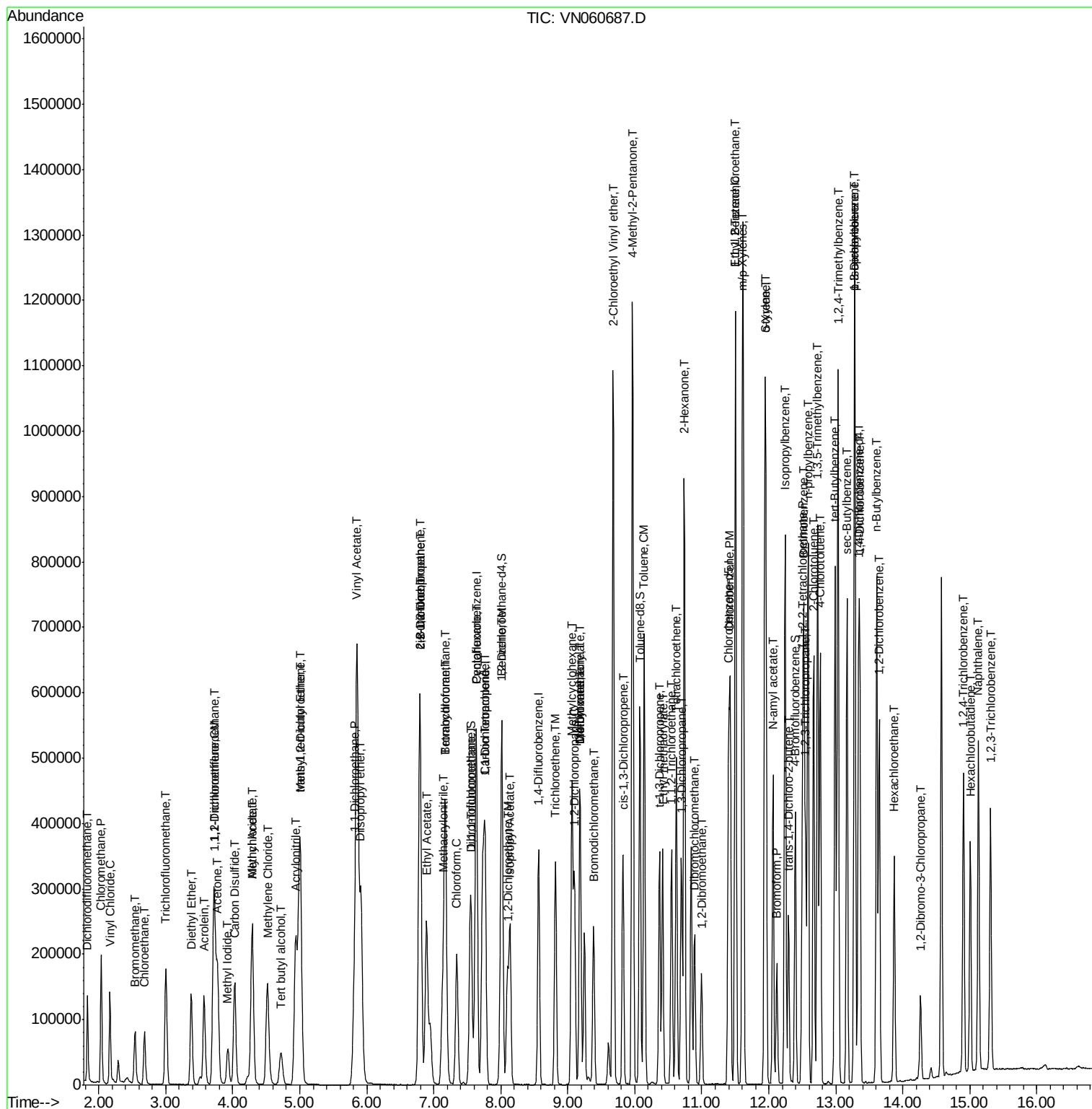
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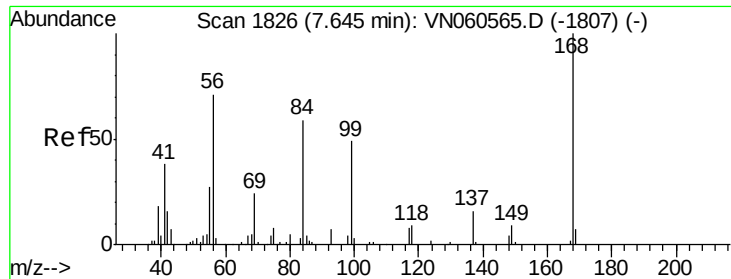
Instrument :
MSVOA_N
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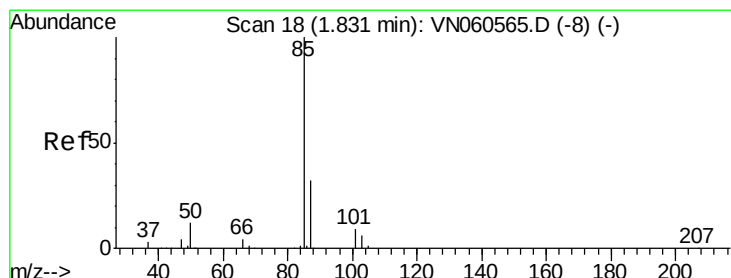
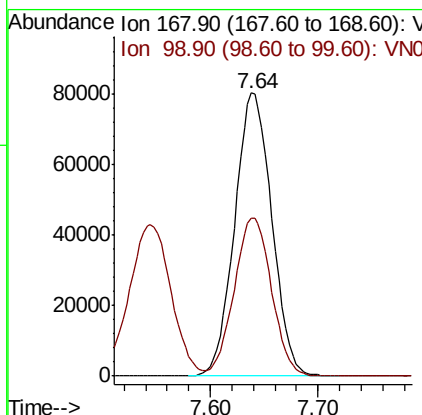
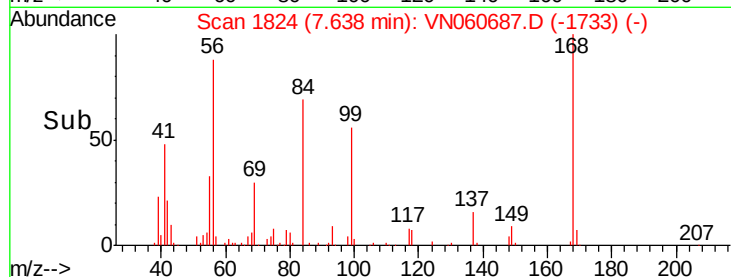
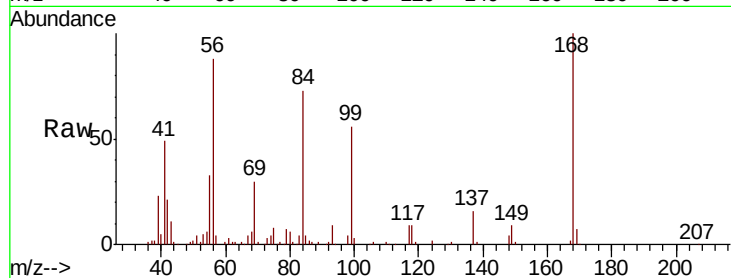
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.9	44.0	66.0

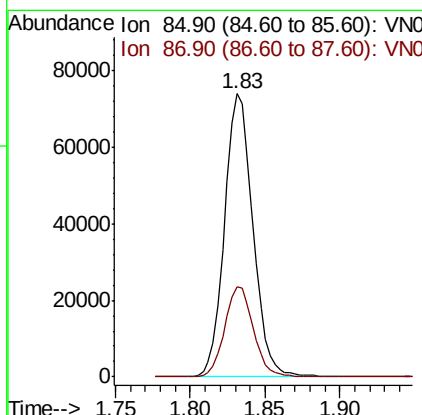
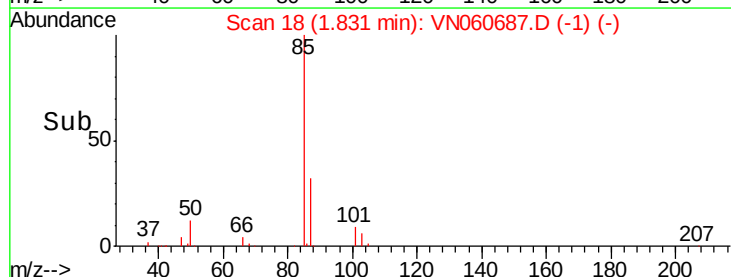
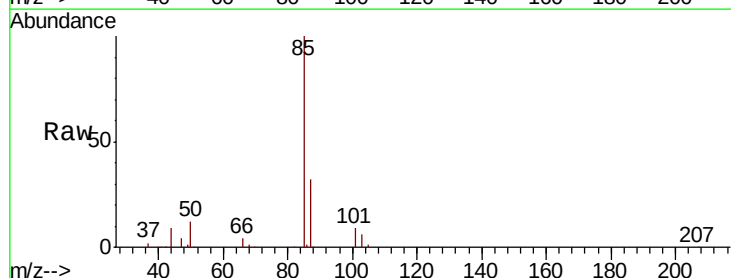
Manual Integrations
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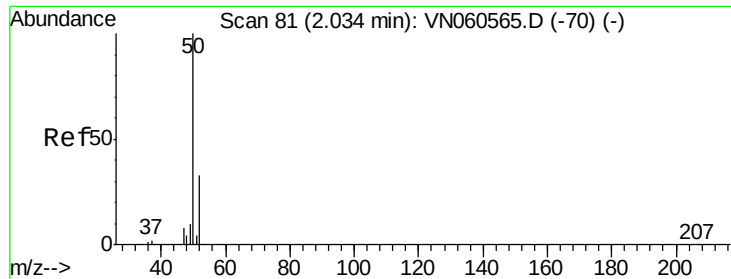
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#2
Dichlorodifluoromethane
Concen: 52.614 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.5





#3

Chloromethane

Concen: 47.959 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 166846

Ion Ratio Lower Upper

50 100

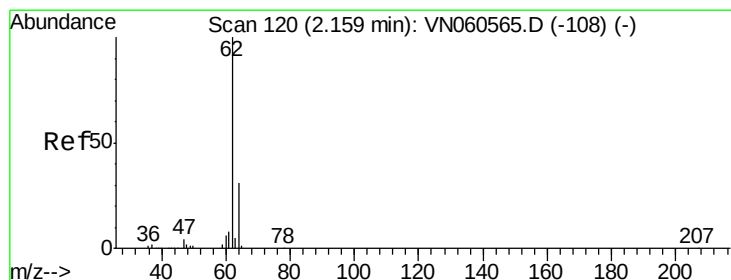
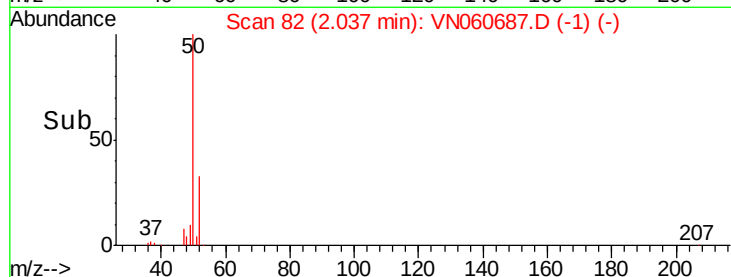
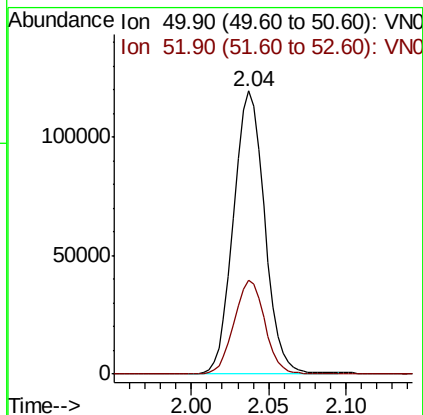
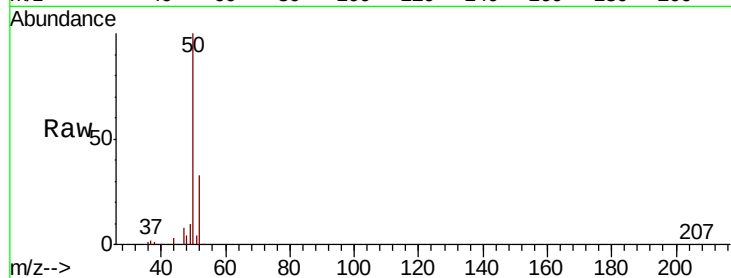
52 33.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.382 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060687.D

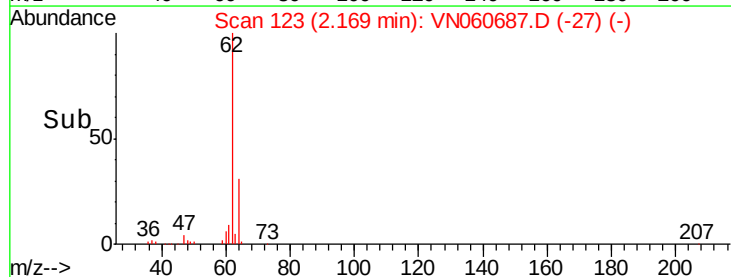
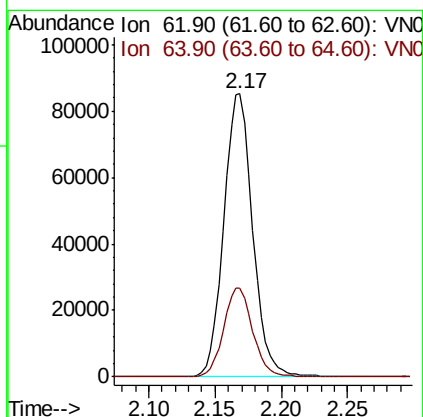
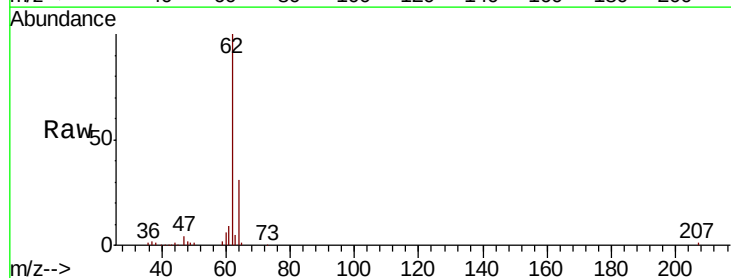
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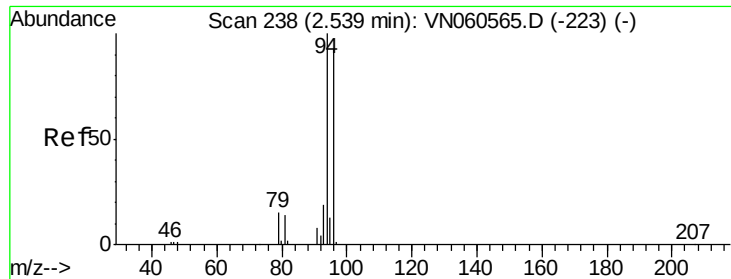
Tgt Ion: 62 Resp: 128929

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 49.730 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 58415

Ion Ratio Lower Upper

94 100

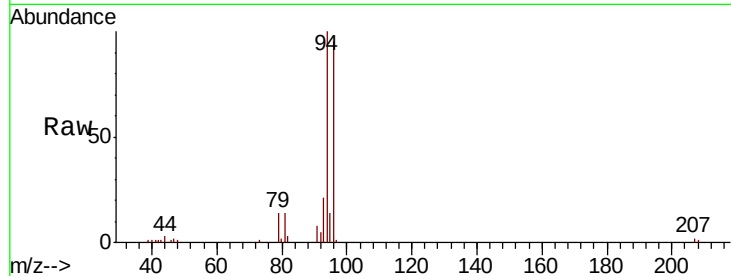
96 95.3 74.6 112.0

Manual Integrations

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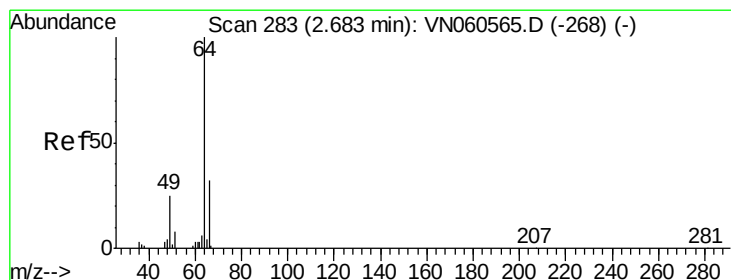
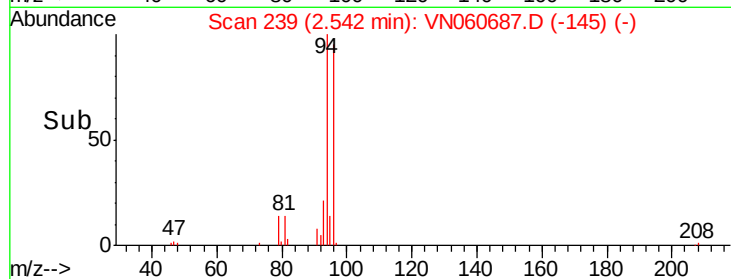
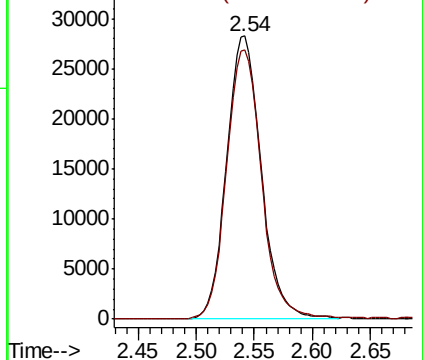
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Abundance Ion 93.90 (93.60 to 94.60): VN060565.D

Ion 95.90 (95.60 to 96.60): VN060565.D



#6

Chloroethane

Concen: 51.292 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060687.D

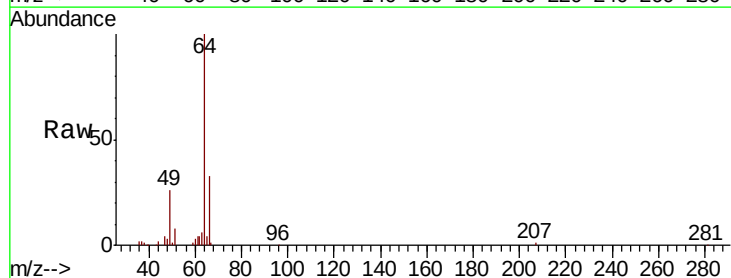
Acq: 25 Mar 2020 11:06

Tgt Ion: 64 Resp: 80398

Ion Ratio Lower Upper

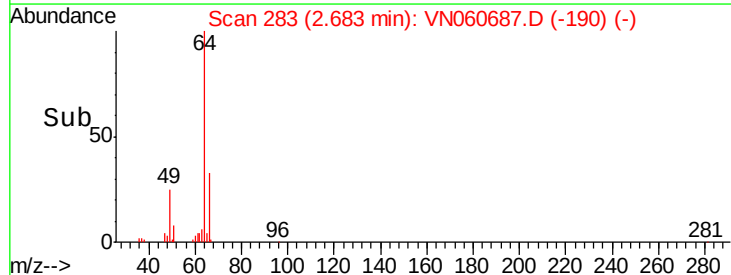
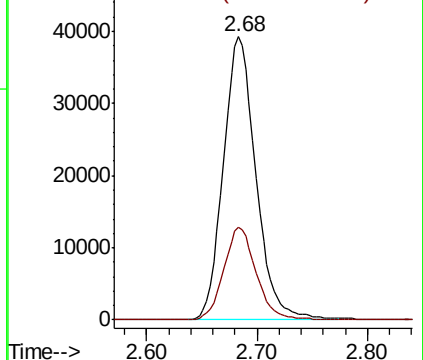
64 100

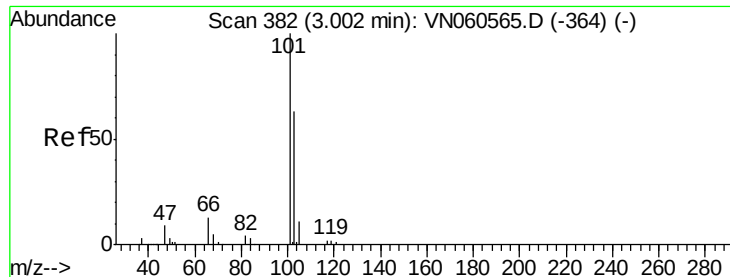
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060565.D

Ion 65.90 (65.60 to 66.60): VN060565.D





#7

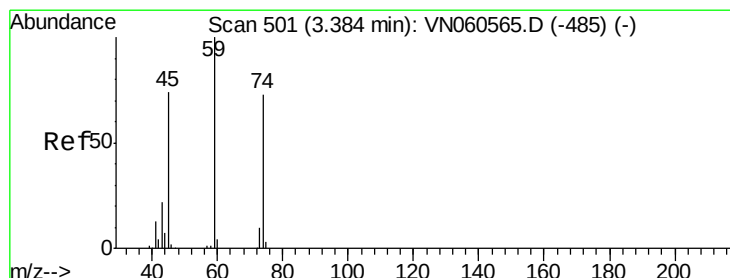
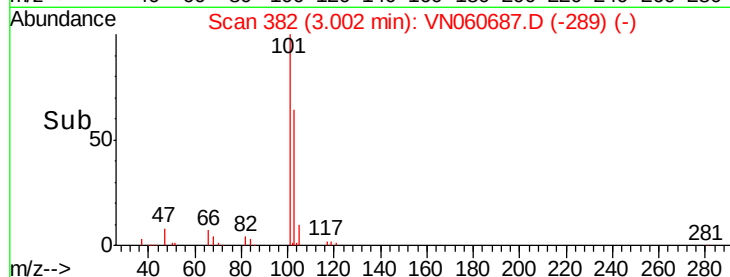
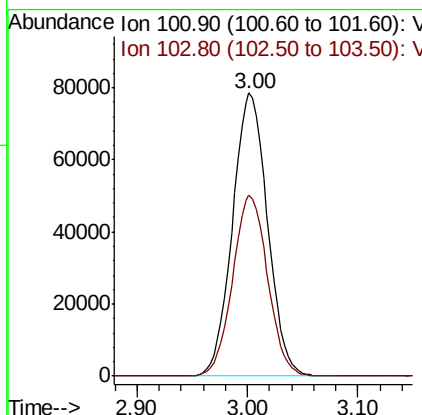
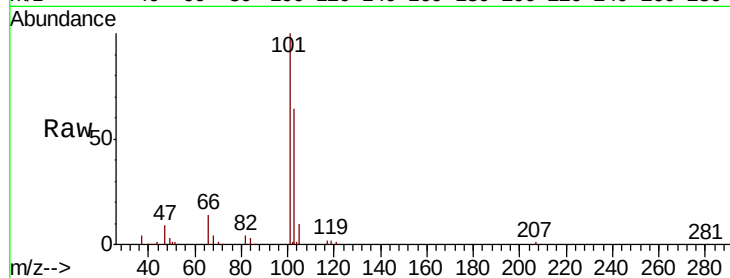
Trichlorofluoromethane
 Concen: 51.492 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.6	76.0

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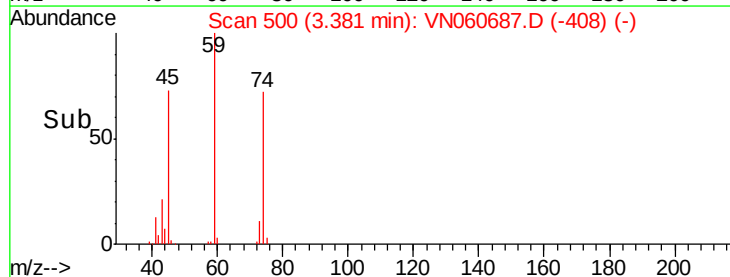
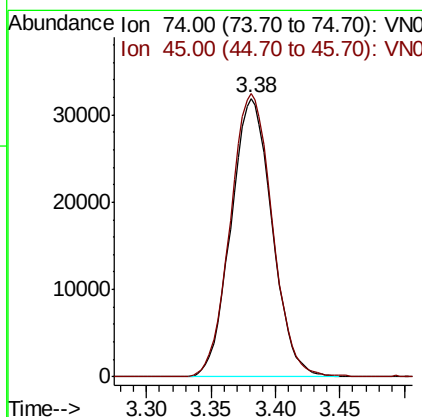
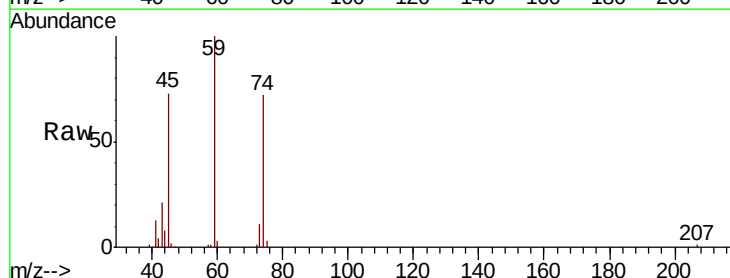
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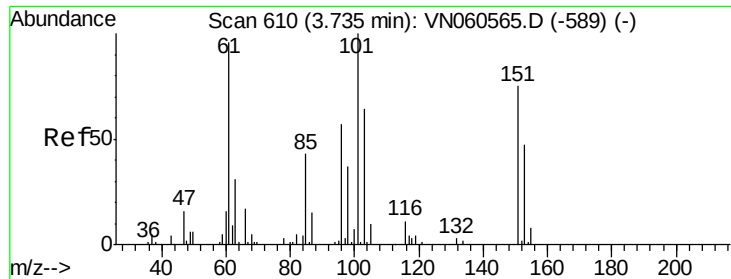


#8

Diethyl Ether
 Concen: 52.361 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.8	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.433 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060687.D

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MSVOA_N

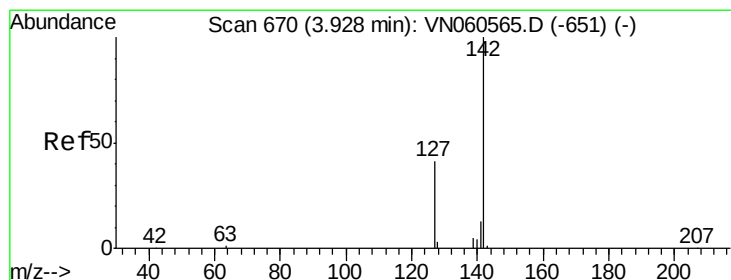
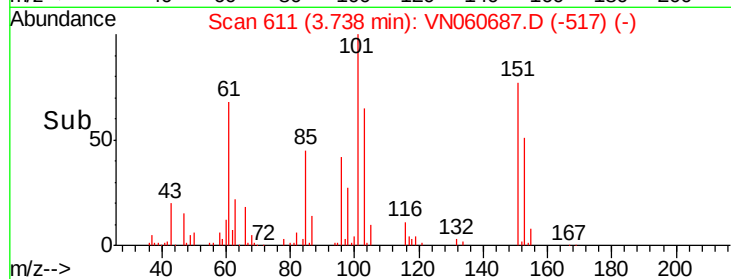
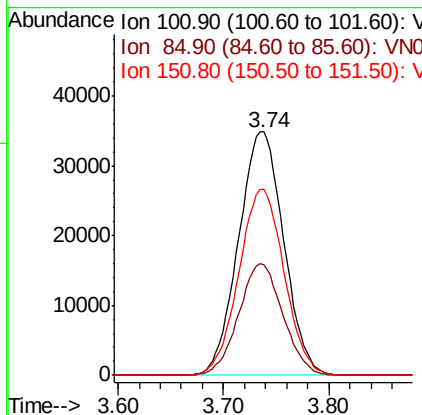
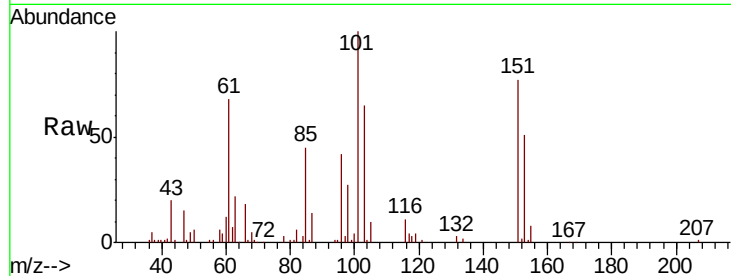
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	103782
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.6	53.4
151	76.7	61.4	92.2

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#10

Methyl Iodide

Concen: 52.050 ug/l

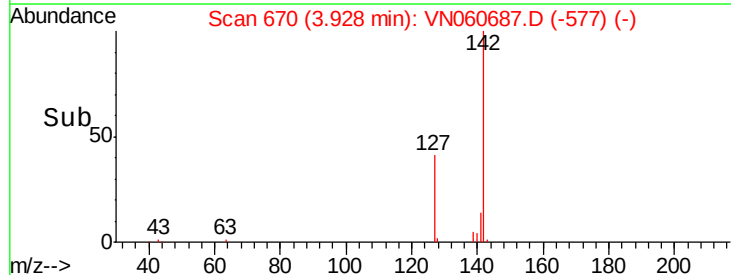
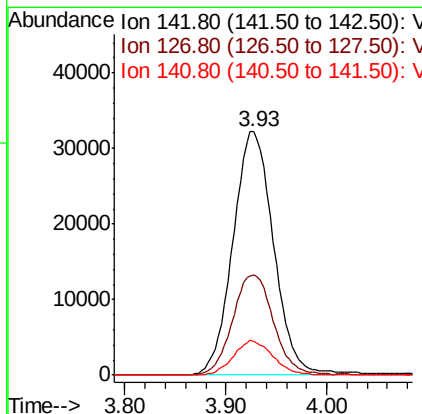
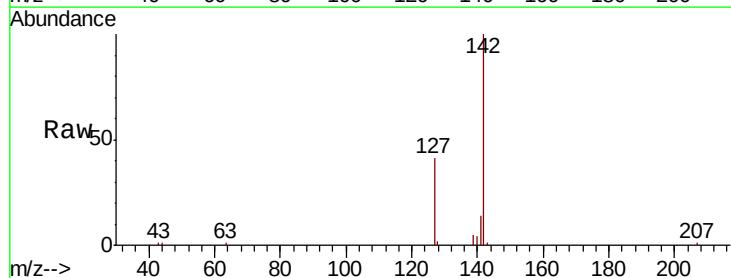
RT: 3.93 min Scan# 670

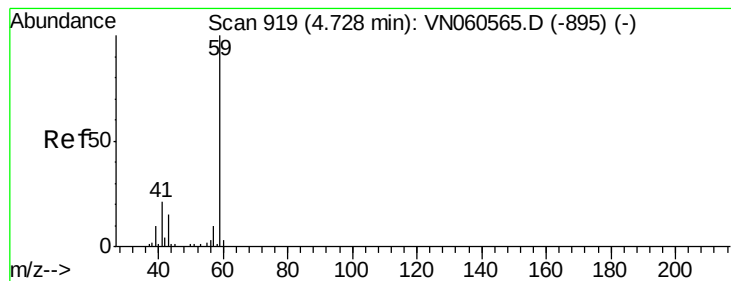
Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion:	142	Resp:	89958
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.5	50.3
141	13.8	11.0	16.6





#11

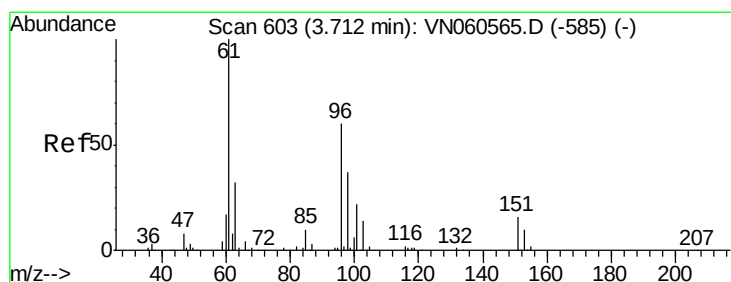
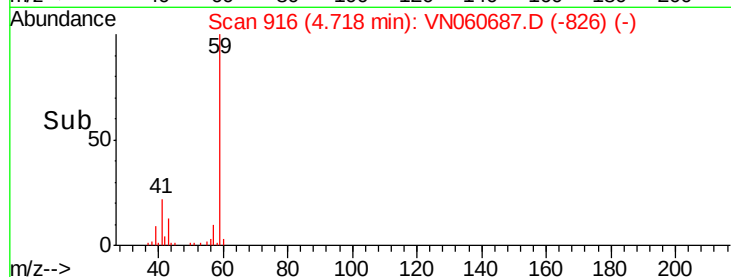
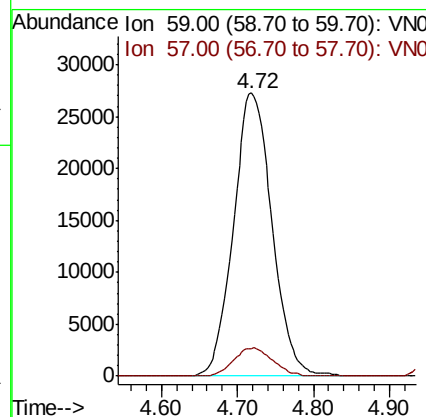
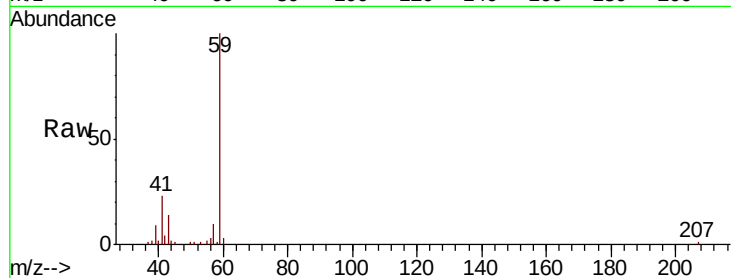
Tert butyl alcohol
 Concen: 247.172 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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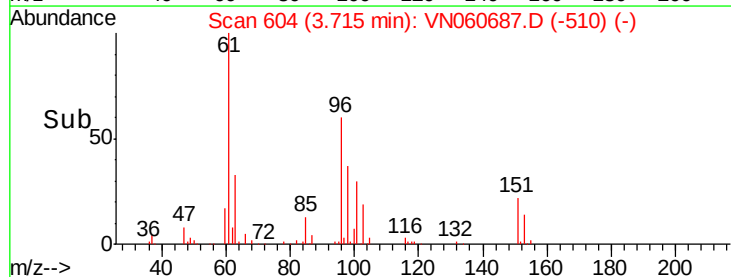
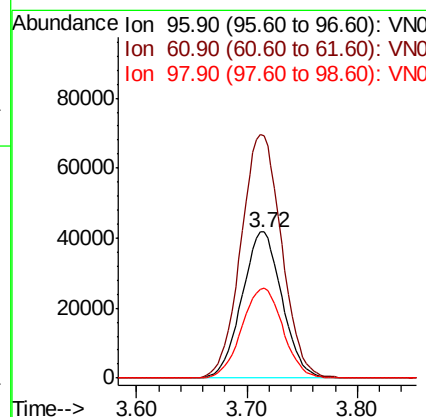
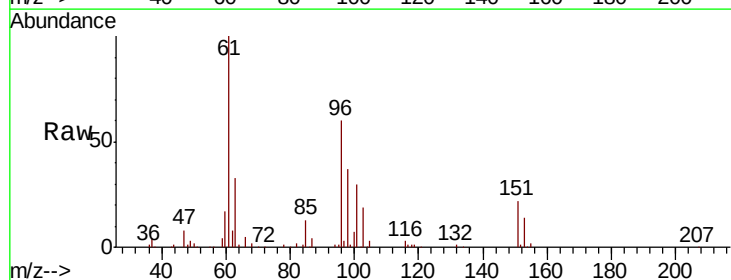
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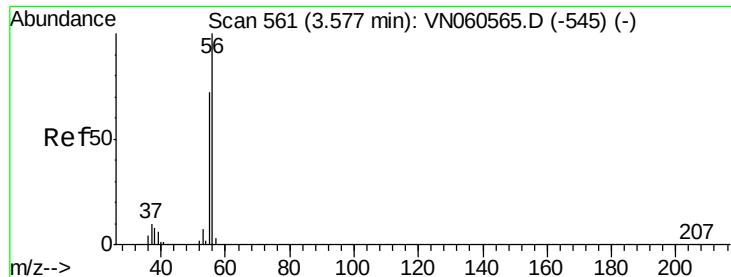


#12

1,1-Dichloroethene
 Concen: 50.337 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	134.1	201.1
98	61.7	49.9	74.9





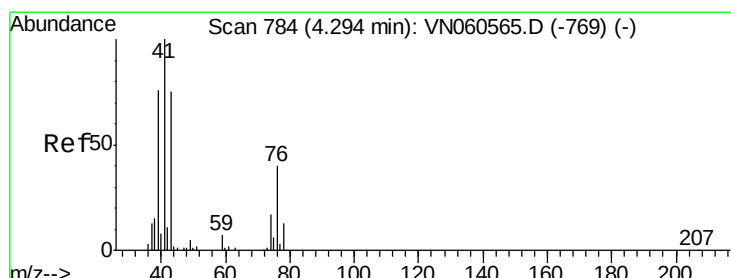
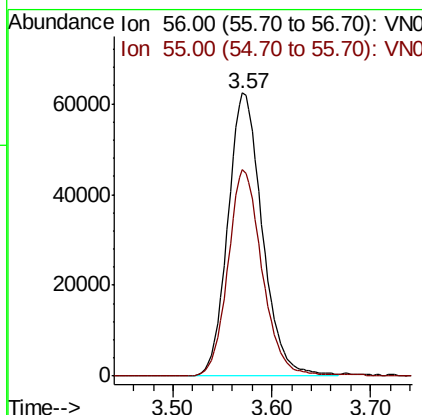
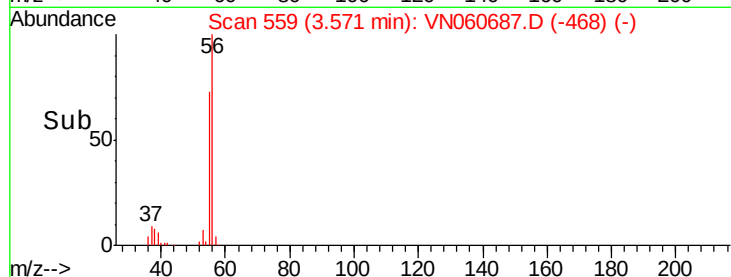
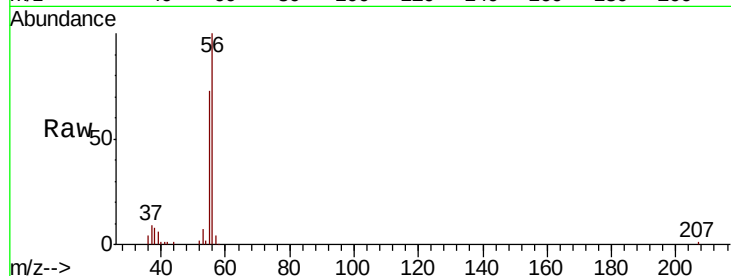
#13
Acrolein
Concen: 352.714 ug/l
RT: 3.57 min Scan# 559
Delta R.T. -0.01 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.7	85.1

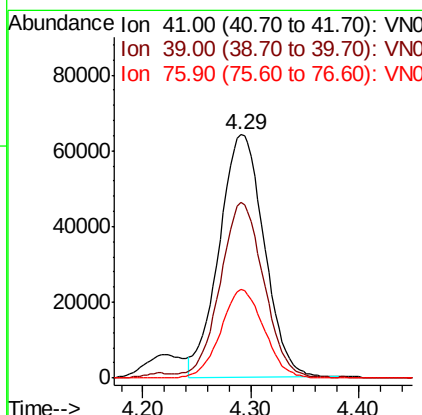
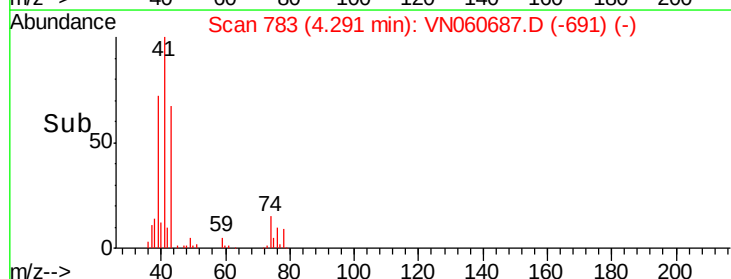
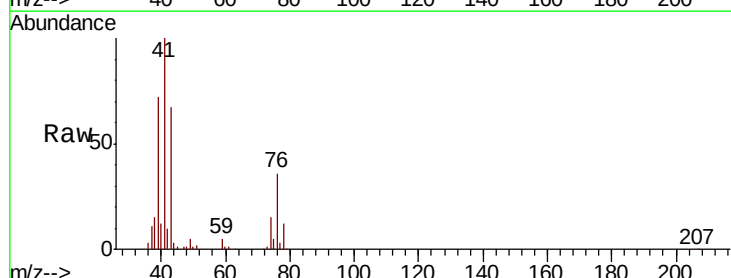
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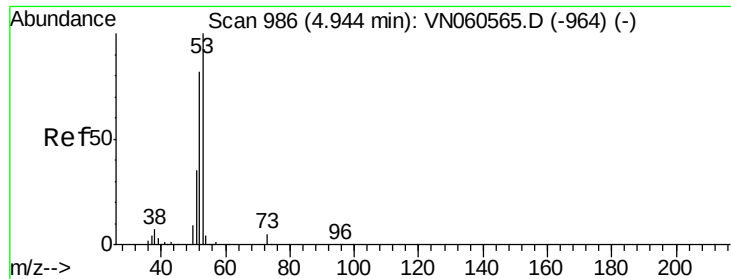
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#14
Allyl chloride
Concen: 50.710 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.9	57.8	86.8
76	35.2	28.6	43.0





#15

Acrylonitrile

Concen: 259.385 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

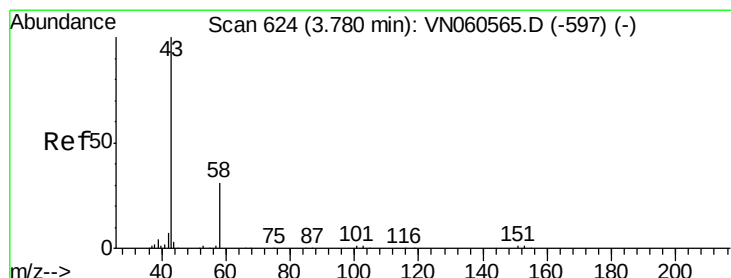
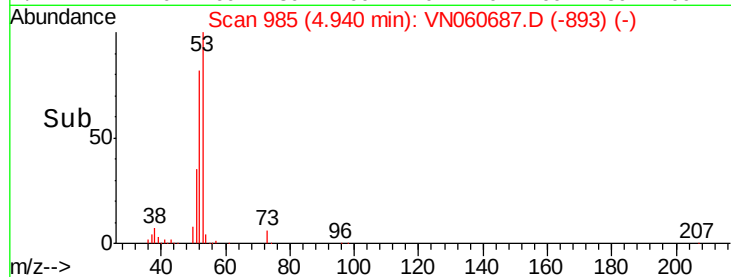
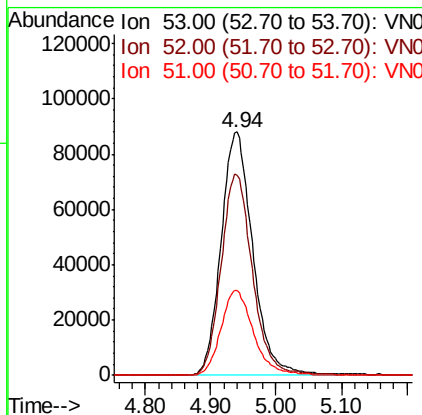
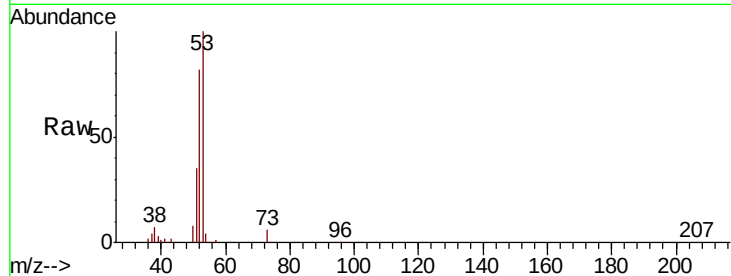
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	296450
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	36.0	28.7	43.1

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#16

Acetone

Concen: 286.050 ug/l

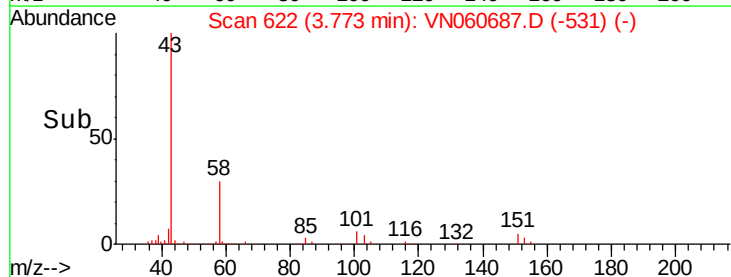
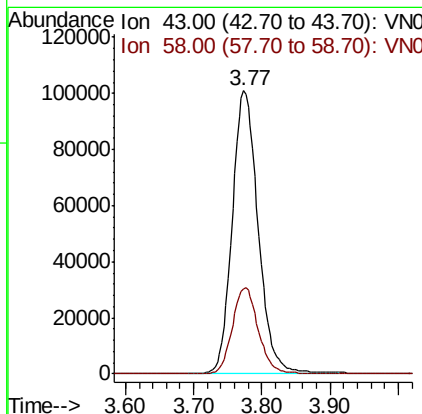
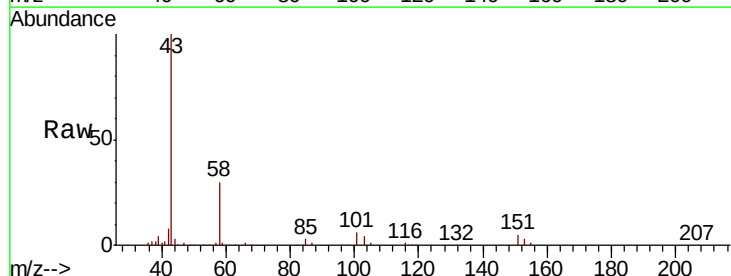
RT: 3.77 min Scan# 622

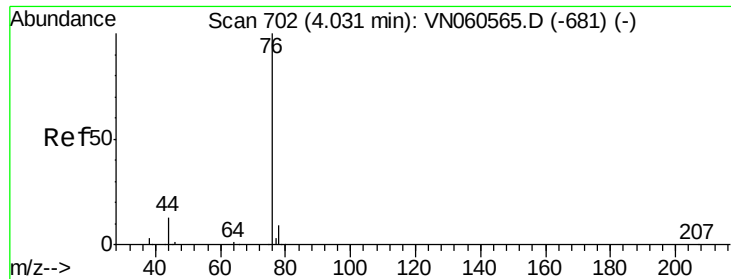
Delta R.T. -0.01 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion:	43	Resp:	267773
Ion	Ratio	Lower	Upper
43	100		
58	30.1	25.1	37.7





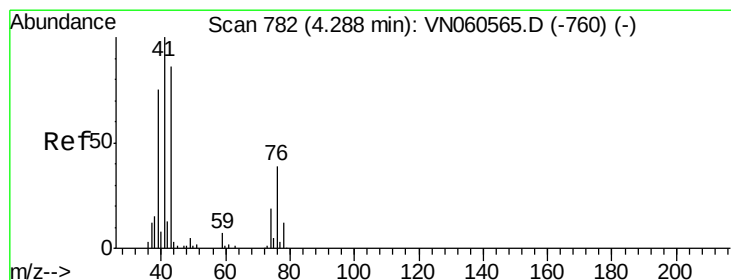
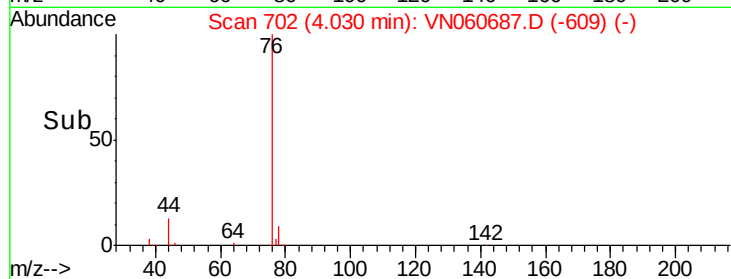
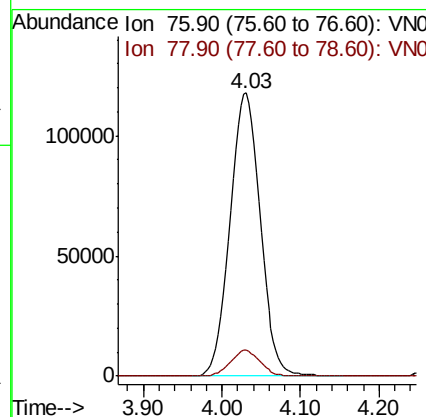
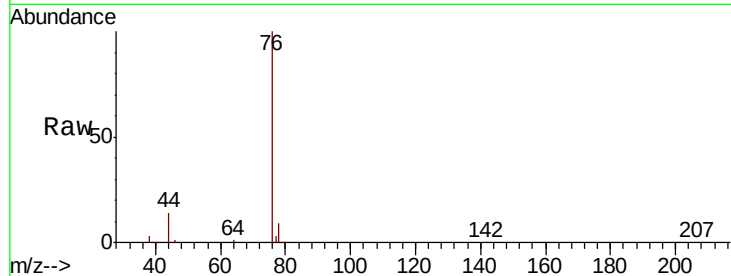
#17
Carbon Disulfide
Concen: 49.689 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

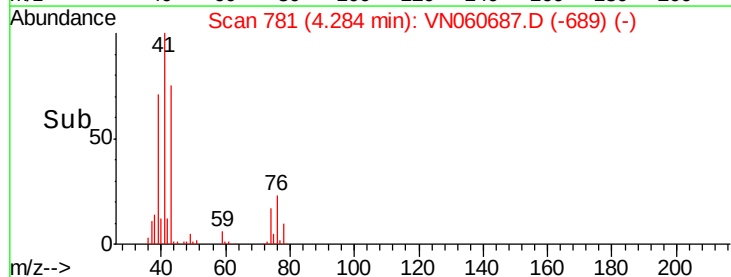
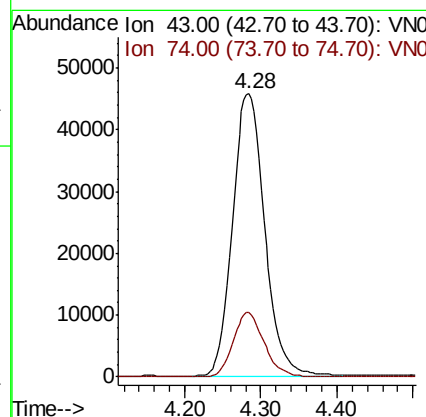
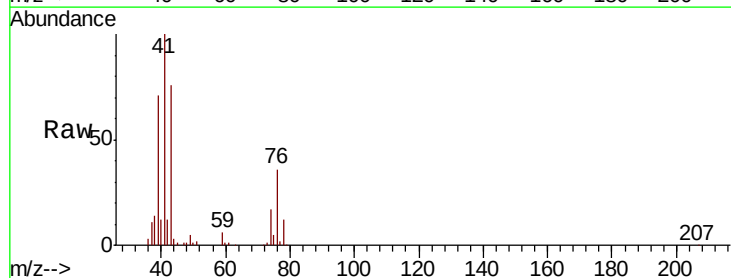
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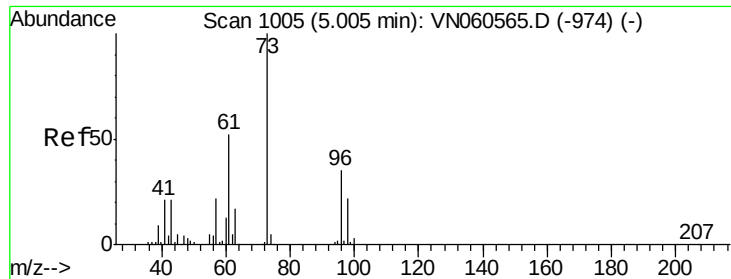
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#18
Methyl Acetate
Concen: 51.594 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.5	26.3





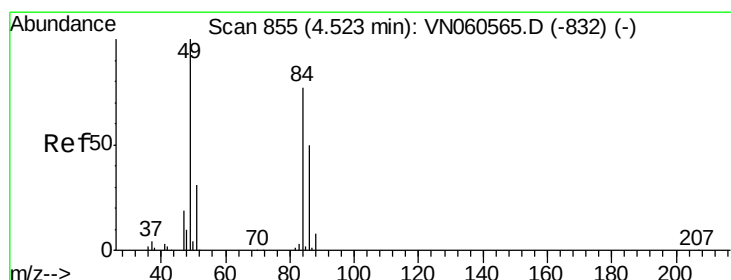
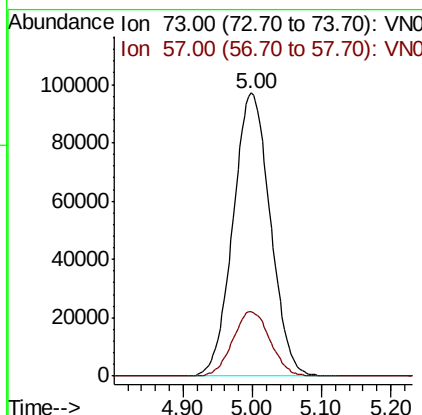
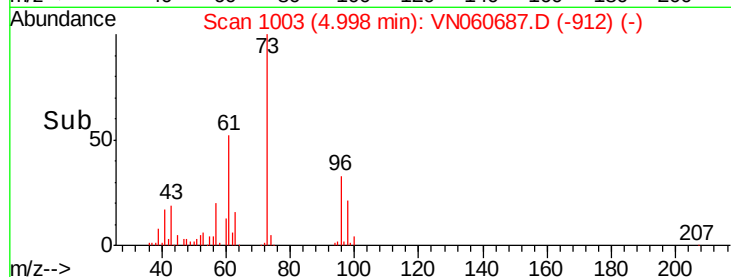
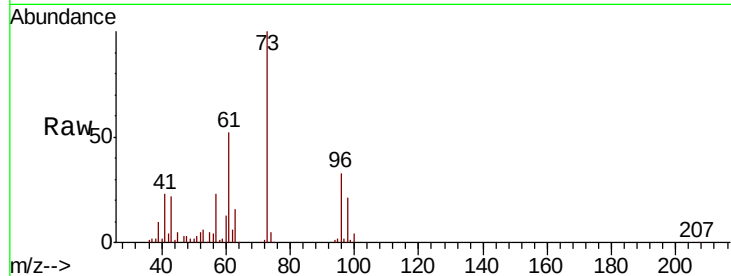
#19
Methyl tert-butyl Ether
Concen: 50.588 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 362517
Ion Ratio Lower Upper
73 100
57 22.7 17.5 26.3

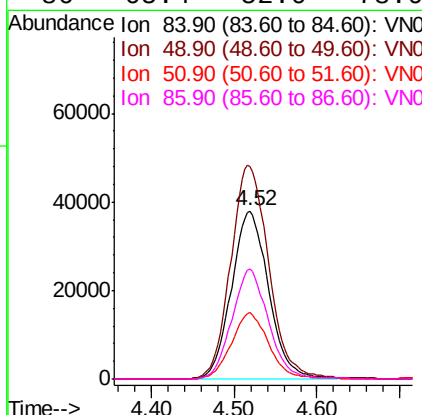
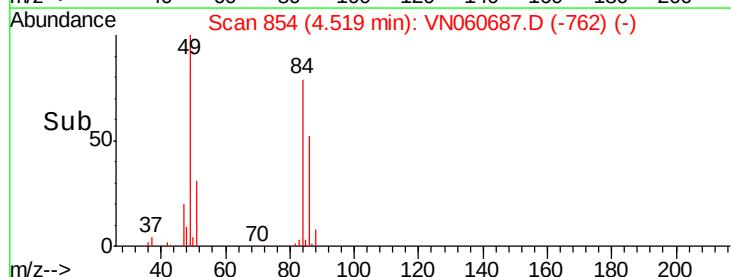
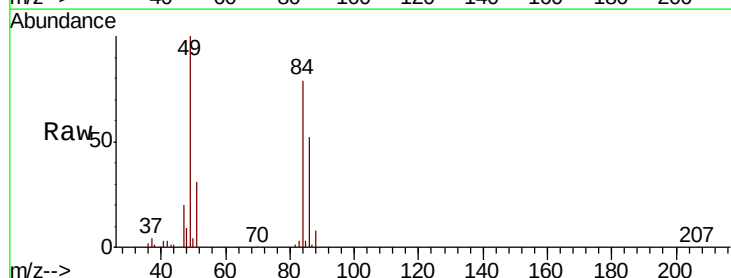
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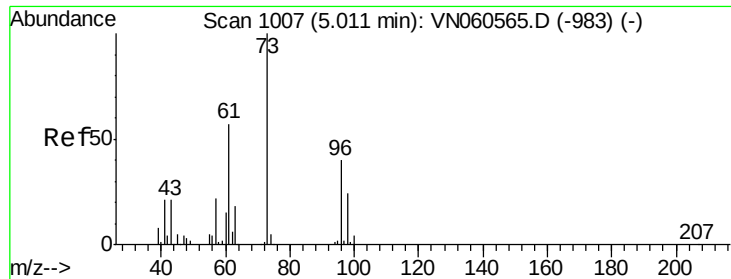
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#20
Methylene Chloride
Concen: 51.380 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion: 84 Resp: 118316
Ion Ratio Lower Upper
84 100
49 126.6 103.3 154.9
51 39.4 31.6 47.4
86 65.4 52.0 78.0





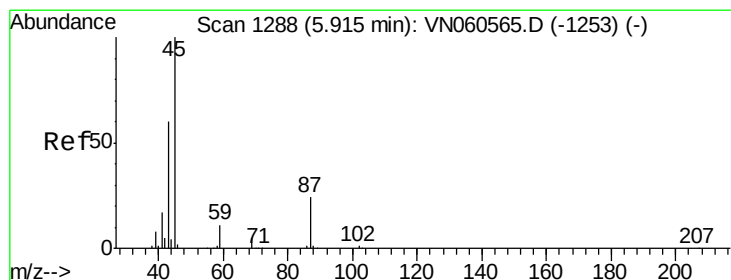
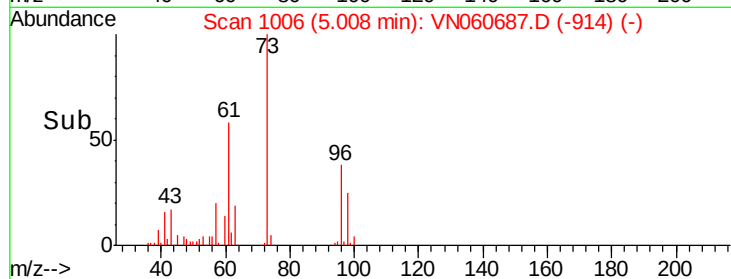
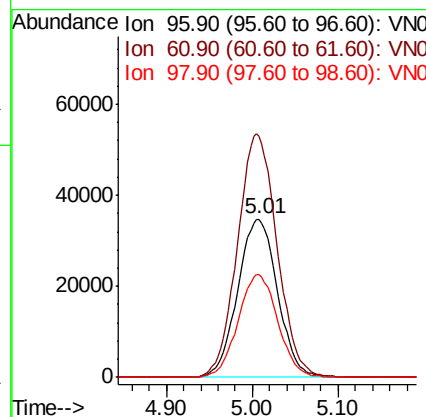
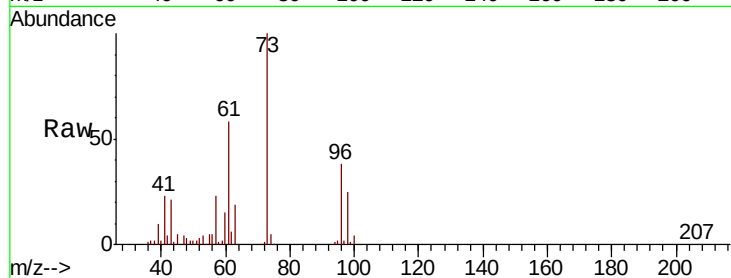
#21
trans-1,2-Dichloroethene
Concen: 50.354 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	114.4	171.6
98	64.7	48.4	72.6

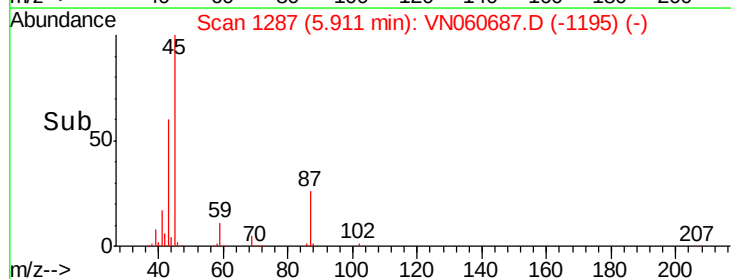
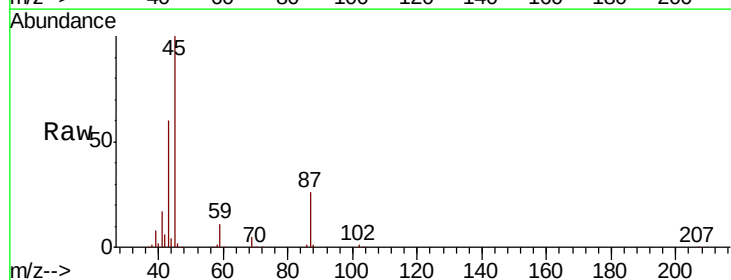
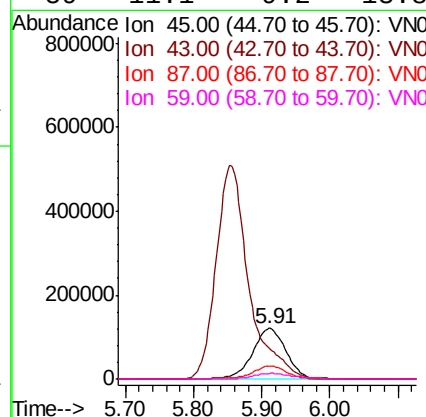
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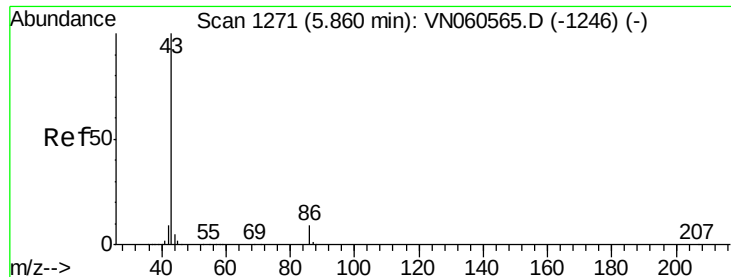
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#22
Diisopropyl ether
Concen: 52.847 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	49.8	74.8
87	25.8	20.1	30.1
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 268.980 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1699694

Ion Ratio Lower Upper

43 100

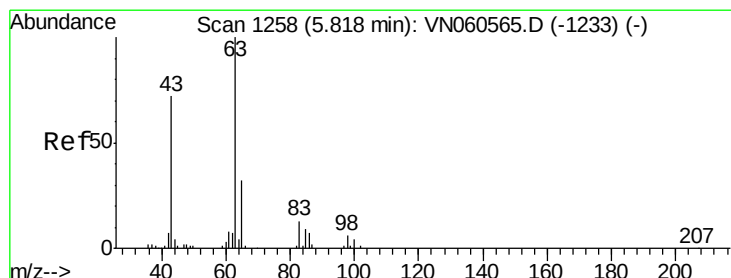
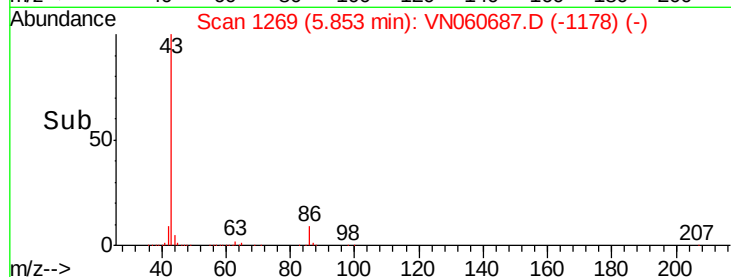
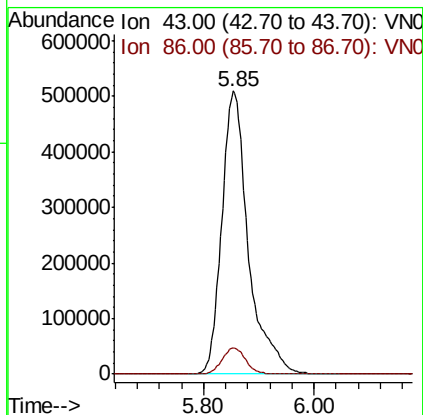
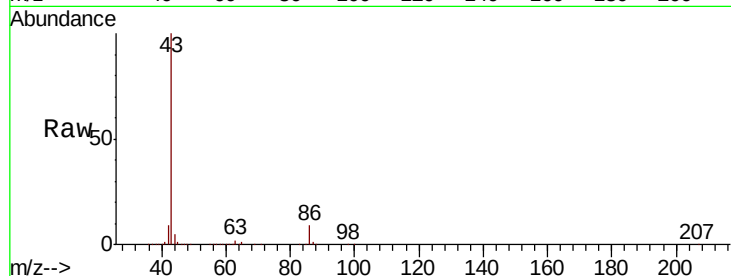
86 9.3 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 52.713 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

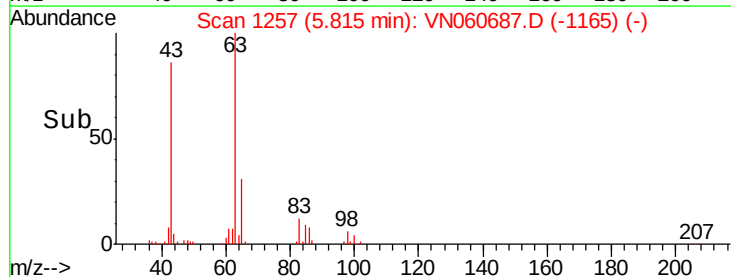
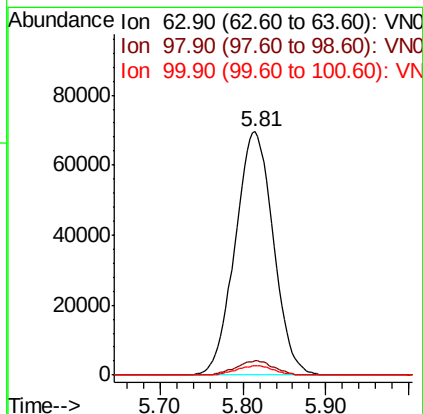
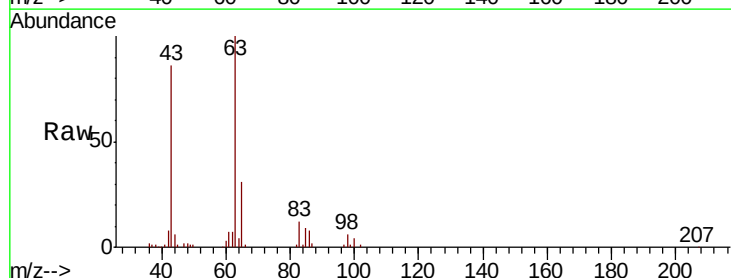
Tgt Ion: 63 Resp: 222556

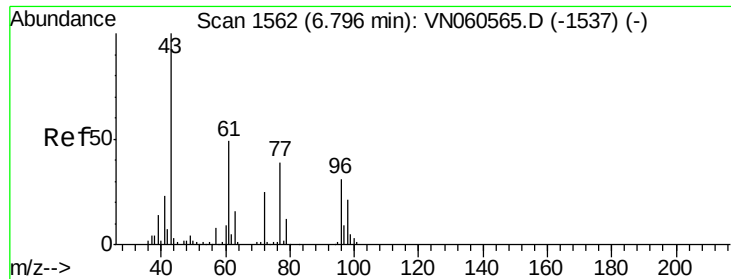
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.7

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 267.777 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 405624

Ion Ratio Lower Upper

43 100

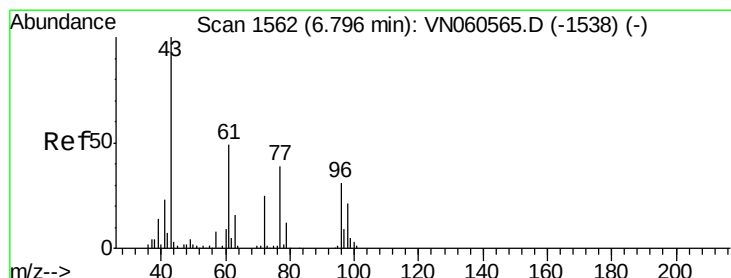
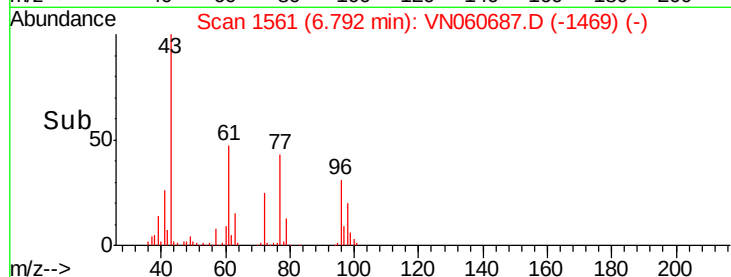
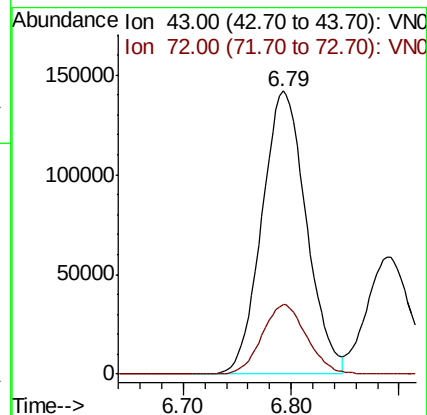
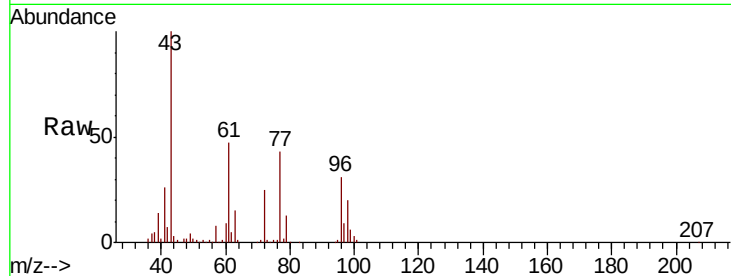
72 24.5 20.4 30.6

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#26

2,2-Dichloropropane

Concen: 56.952 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060687.D

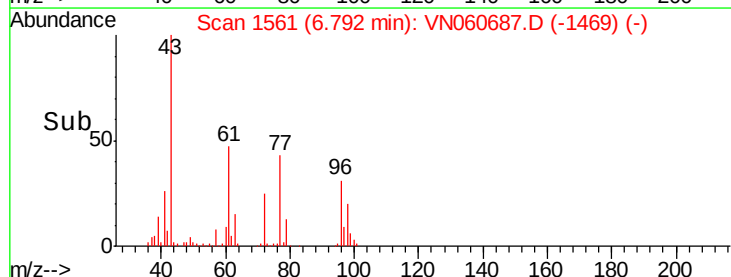
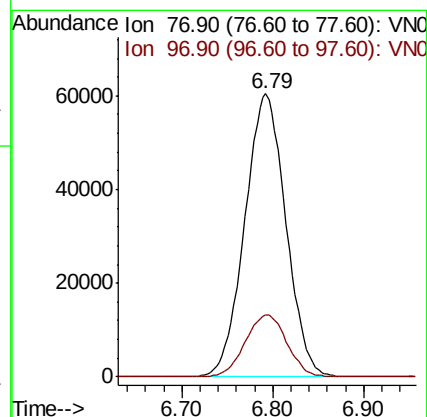
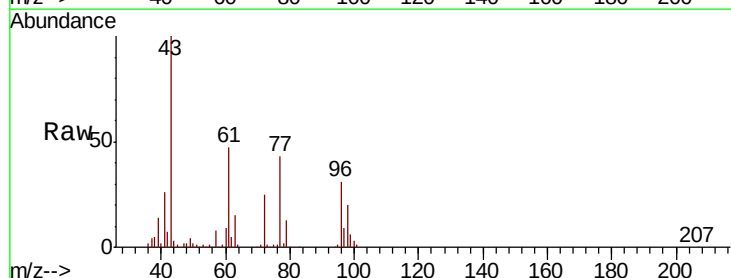
Acq: 25 Mar 2020 11:06

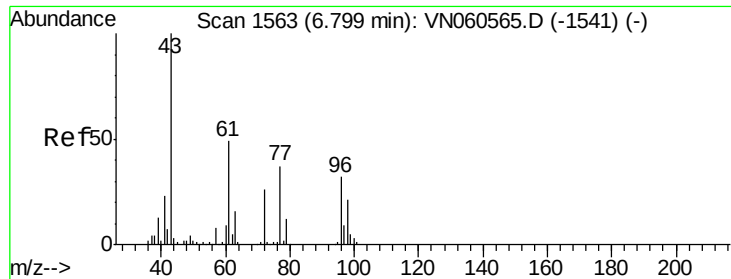
Tgt Ion: 77 Resp: 189184

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.115 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

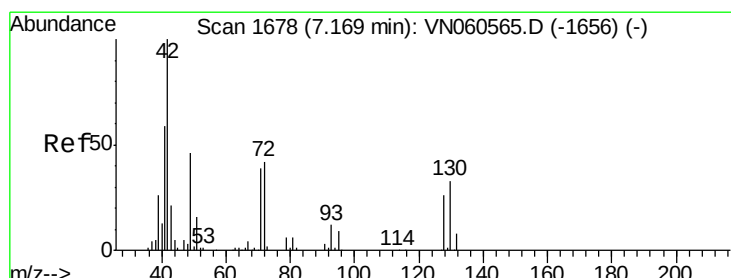
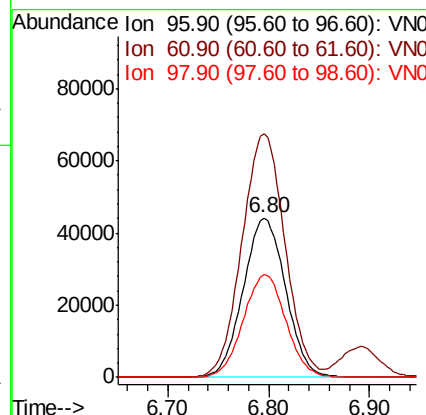
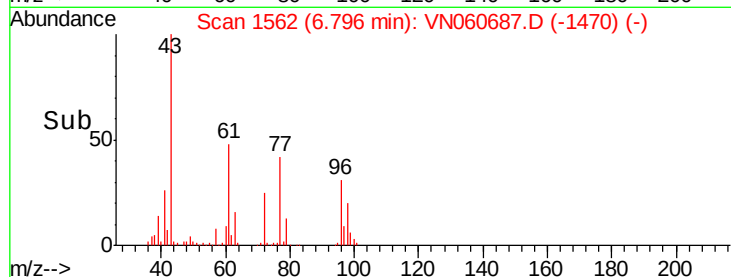
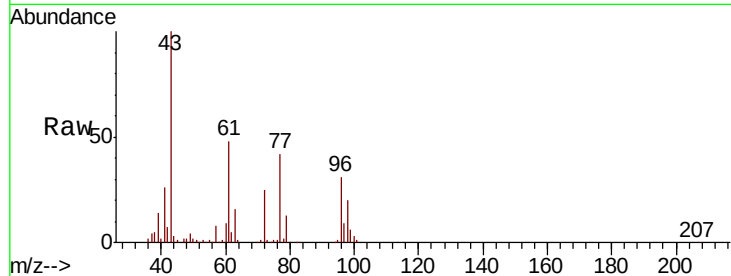
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	129031
Ion	Ratio	Lower	Upper
96	100		
61	154.9	0.0	305.6
98	64.7	0.0	127.6

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#28

Bromochloromethane

Concen: 51.500 ug/l

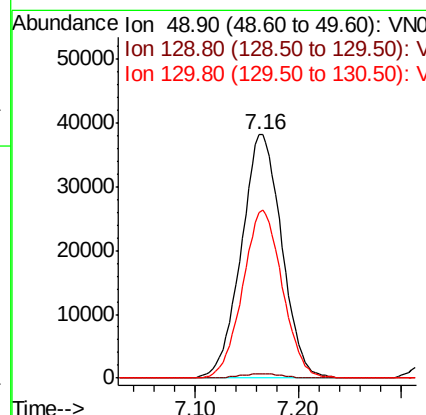
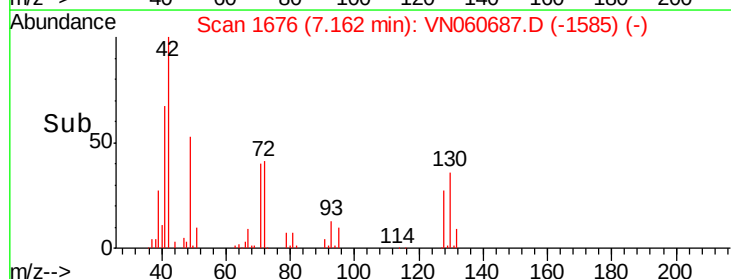
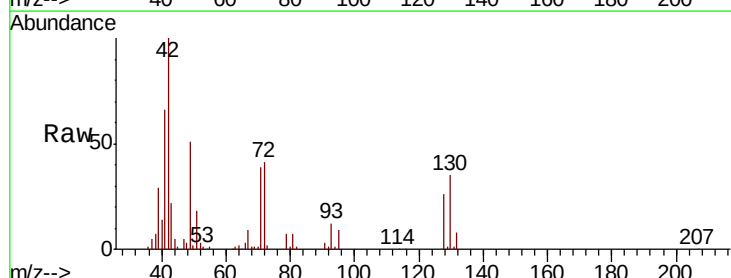
RT: 7.16 min Scan# 1676

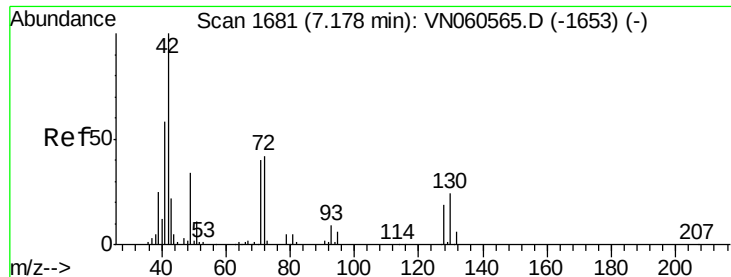
Delta R.T. -0.01 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion:	49	Resp:	104030
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.7	55.0	82.4





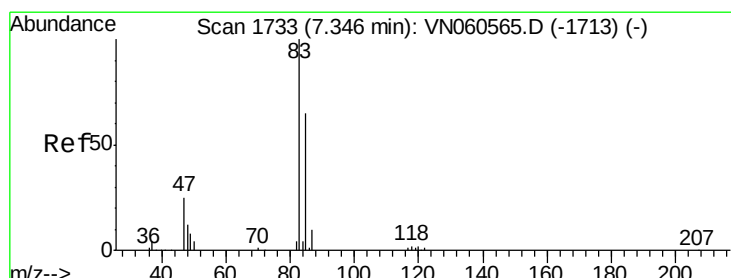
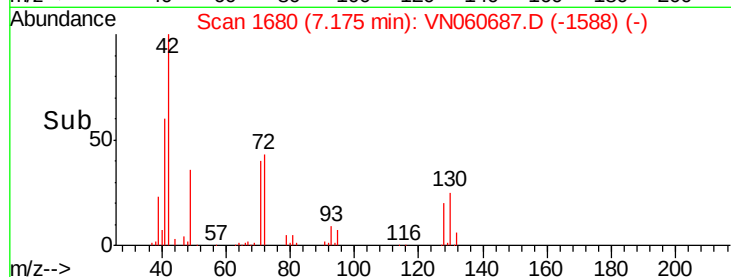
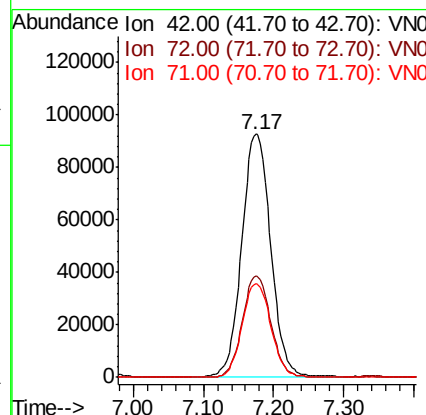
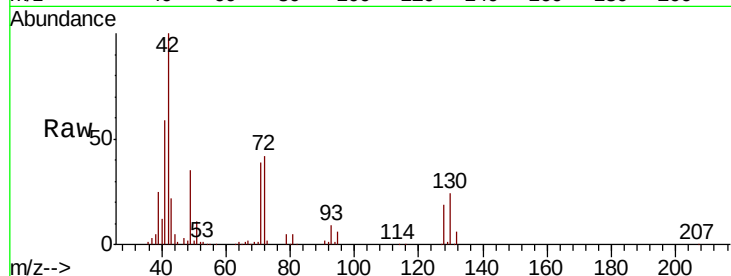
#29
Tetrahydrofuran
Concen: 248.846 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	33.2	49.8
71	38.2	31.1	46.7

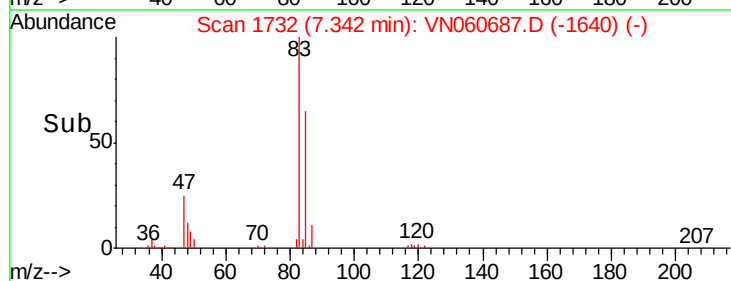
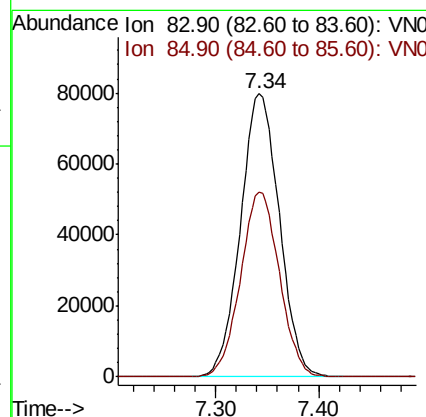
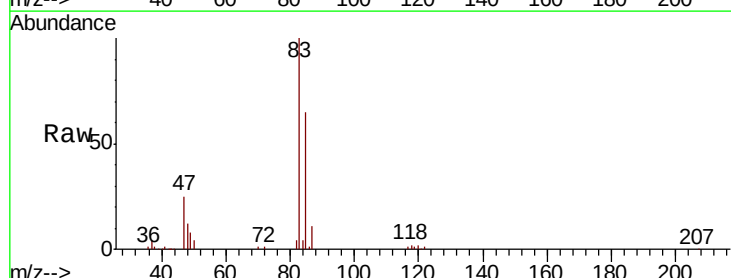
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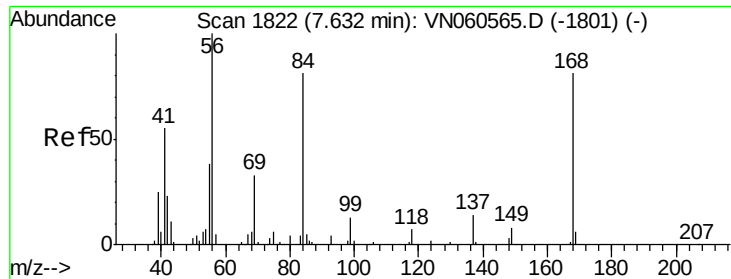
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#30
Chloroform
Concen: 51.670 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.8





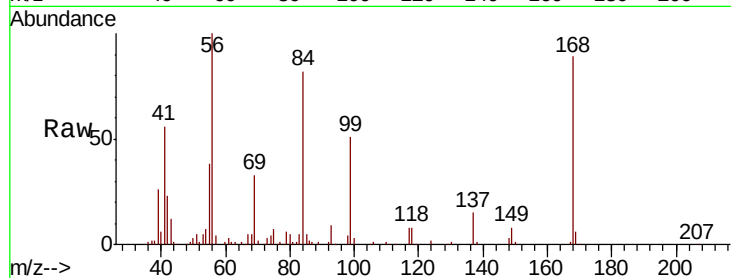
#31
Cyclohexane
Concen: 49.203 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

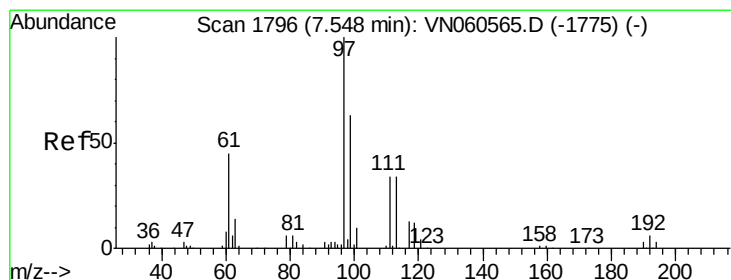
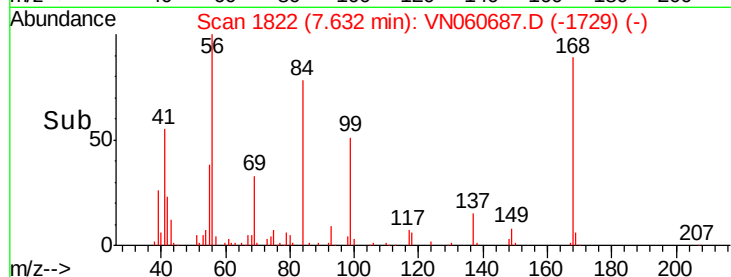
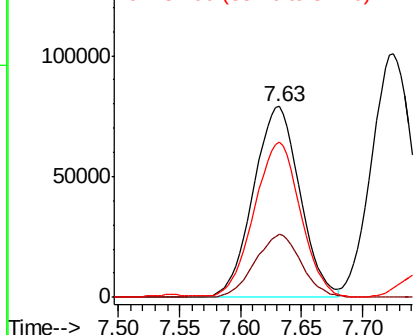
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	26.6	40.0
84	80.4	64.3	96.5

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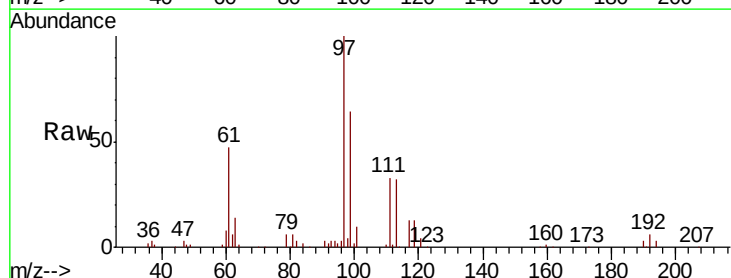


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

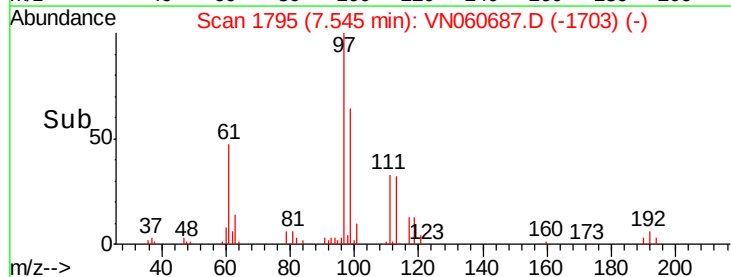
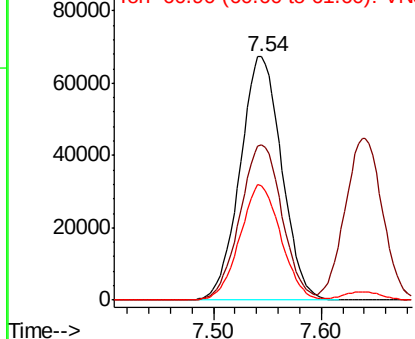


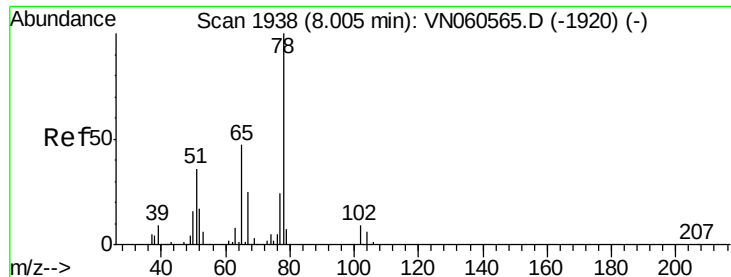
#32
1,1,1-Trichloroethane
Concen: 51.642 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.6	75.8
61	46.6	36.2	54.4



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





#33

1,2-Dichloroethane-d4

Concen: 49.318 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 130335

Ion Ratio Lower Upper

65 100

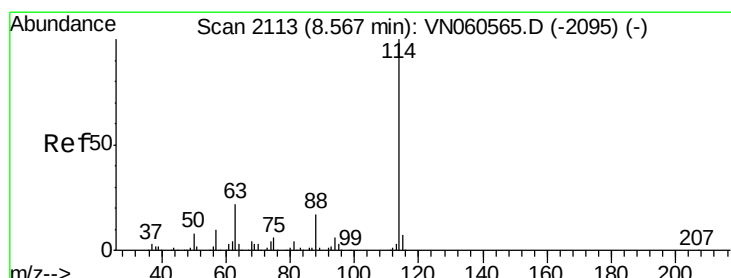
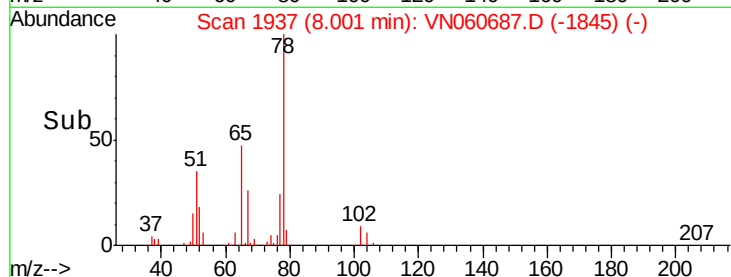
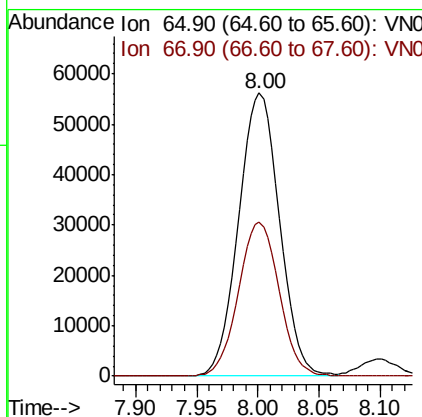
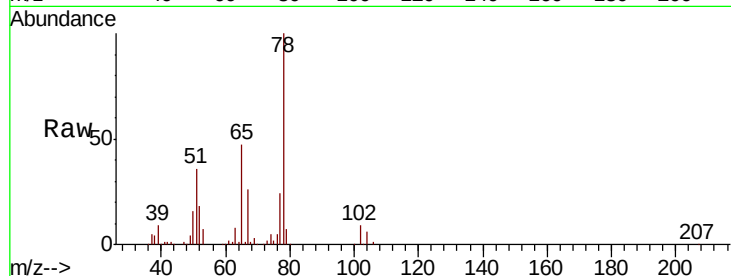
67 54.1 0.0 107.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

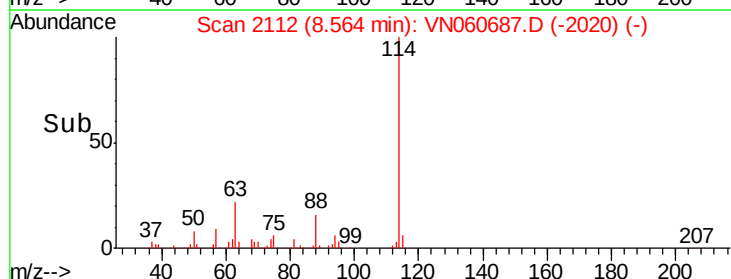
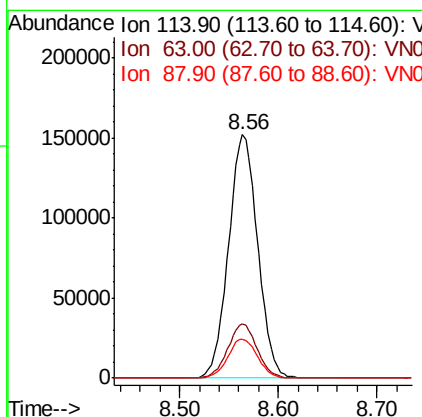
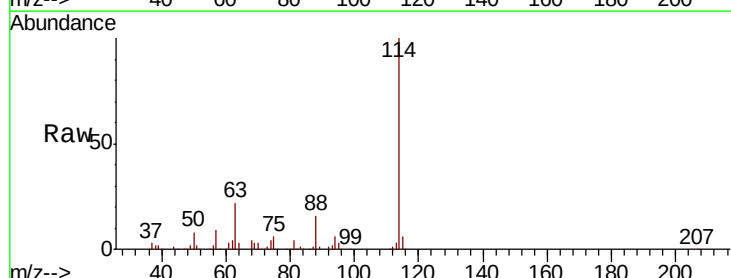
Tgt Ion: 114 Resp: 312816

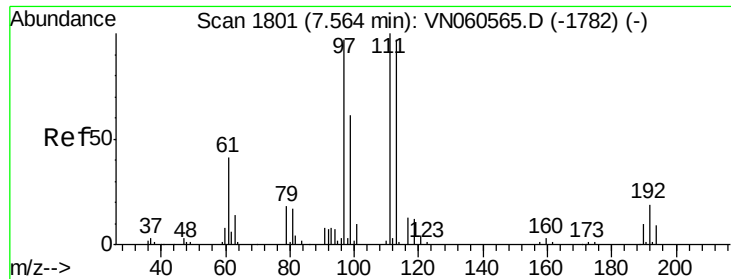
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

88 16.1 0.0 33.0





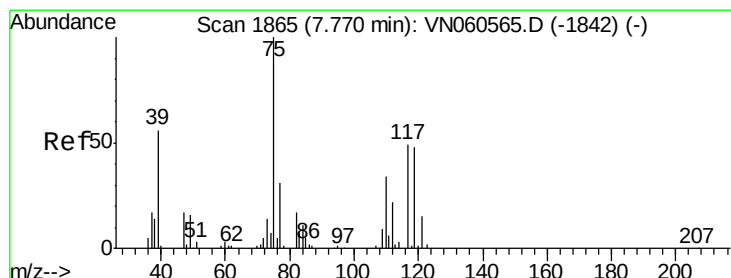
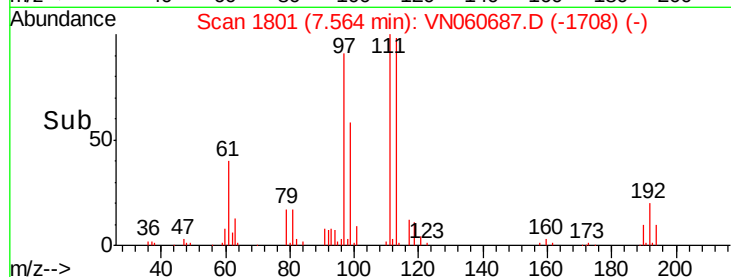
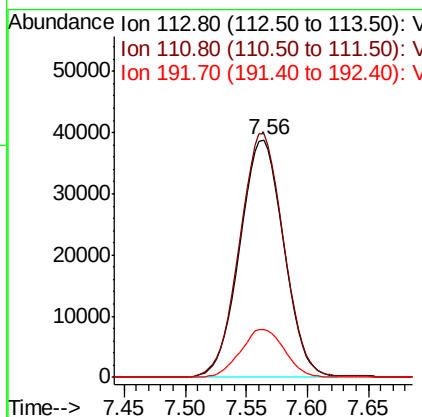
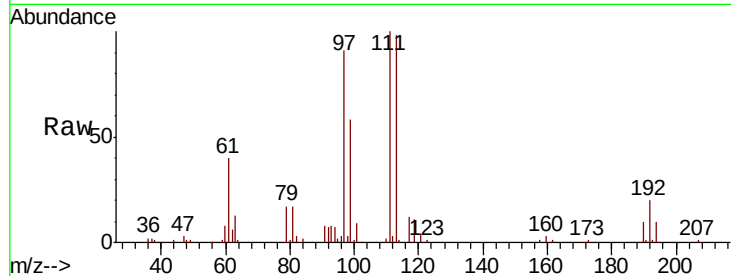
#35
 Dibromofluoromethane
 Concen: 51.281 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.2	15.8	23.8

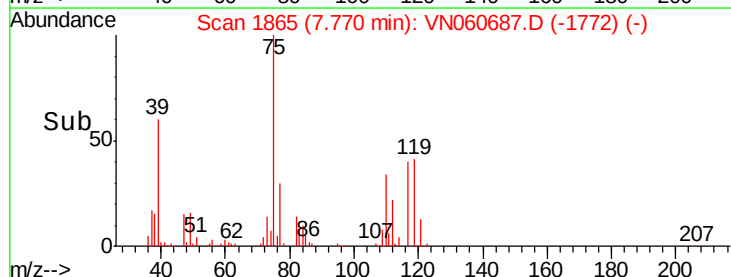
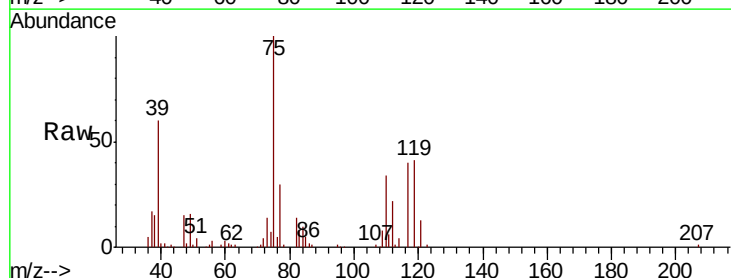
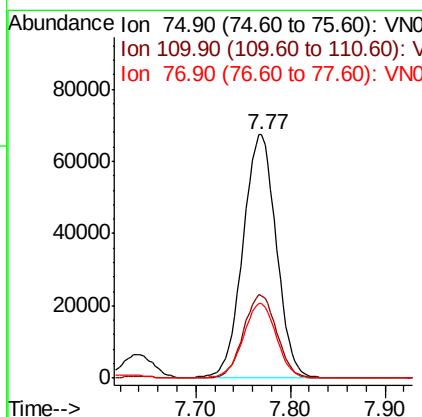
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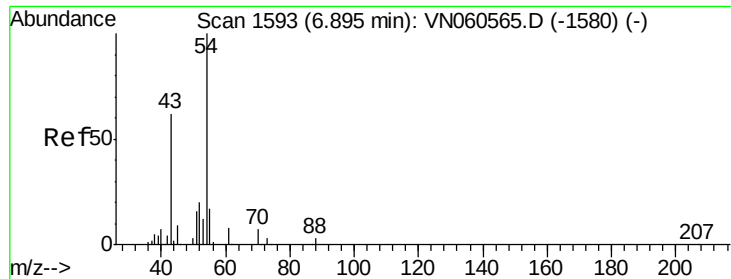
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#36
 1,1-Dichloropropene
 Concen: 54.573 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.6
77	30.5	24.6	36.8





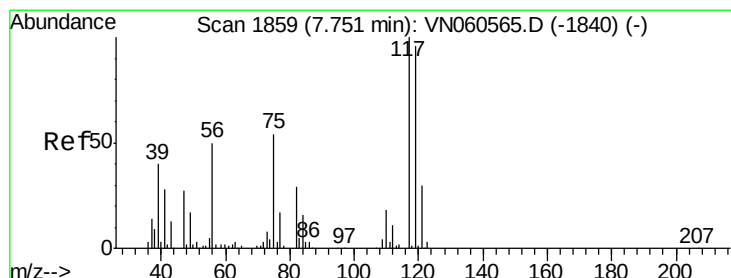
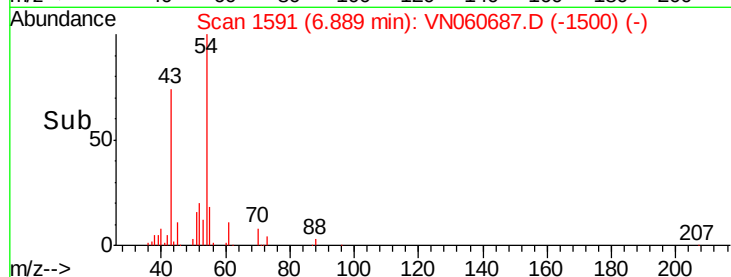
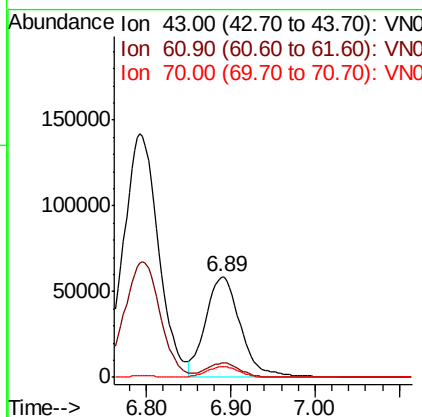
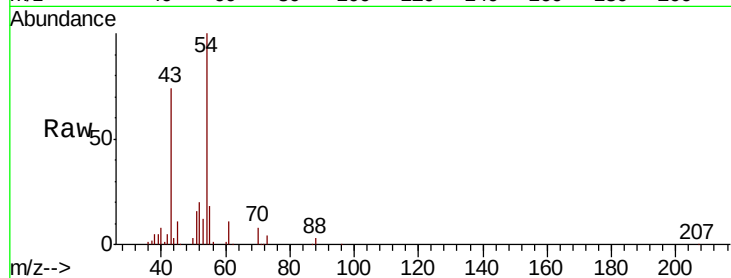
#37
Ethyl Acetate
Concen: 51.320 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	15.8
70	10.3	7.9	11.9

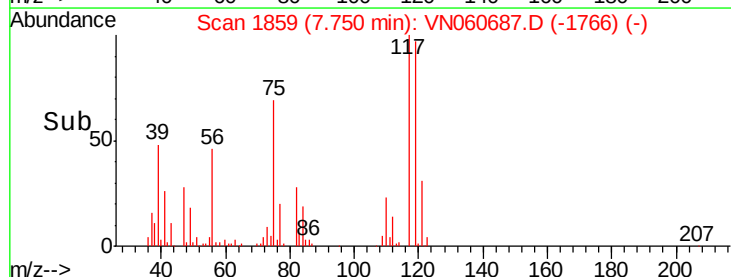
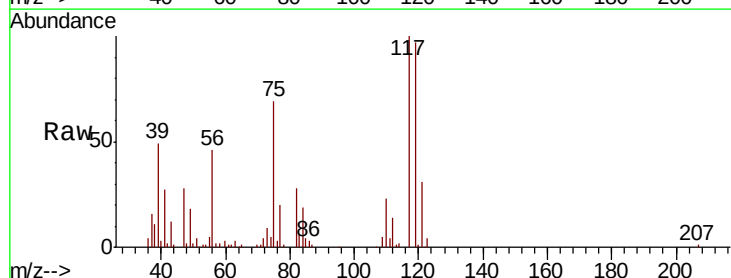
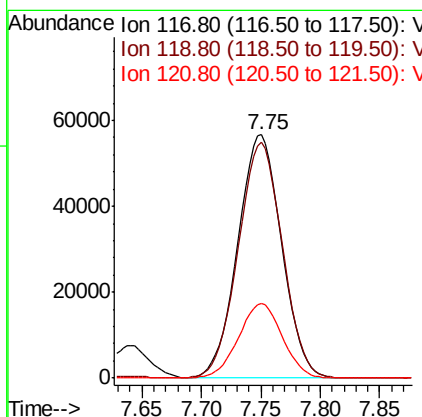
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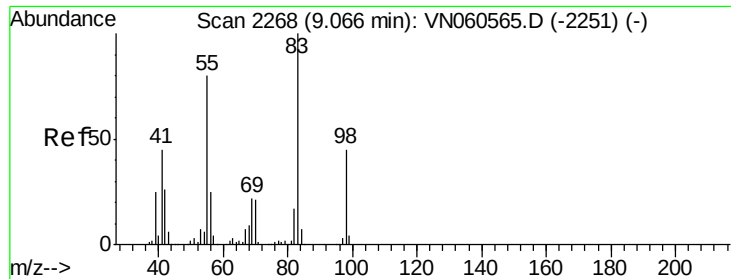
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#38
Carbon Tetrachloride
Concen: 53.300 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
121	30.8	23.7	35.5





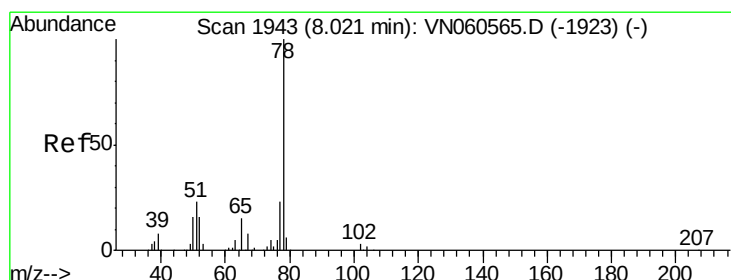
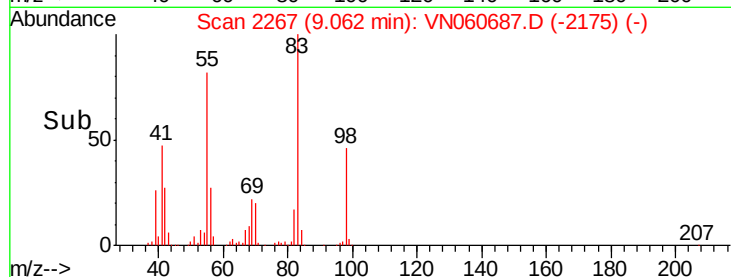
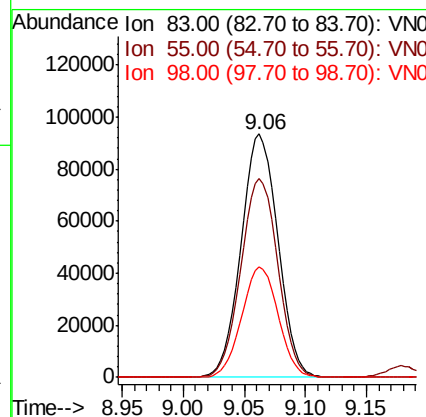
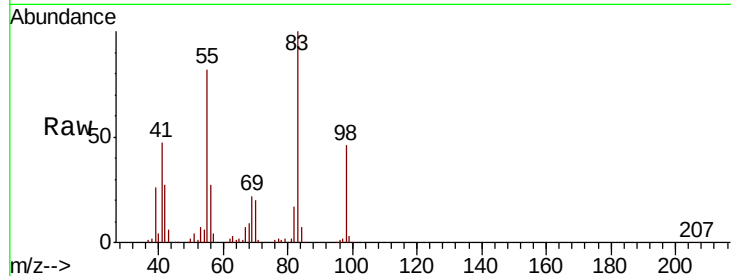
#39
Methylvlcyclohexane
Concen: 54.314 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	195509
Ion Ratio	100	Lower	Upper
83	100		
55	81.5	63.6	95.4
98	45.5	36.0	54.0

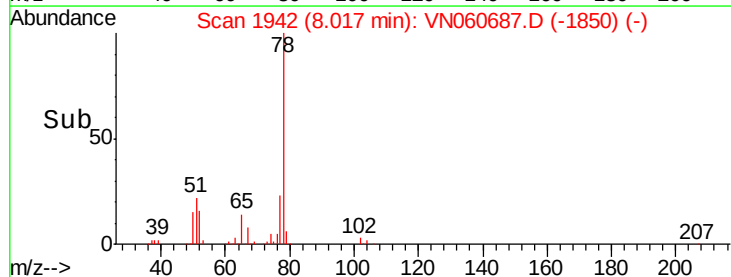
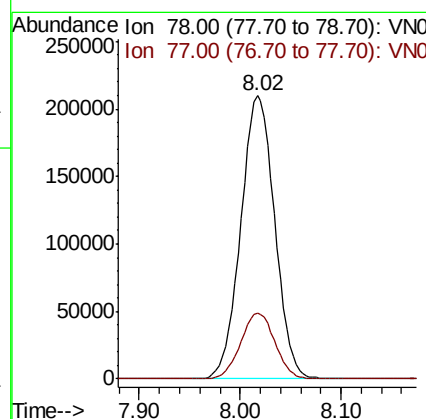
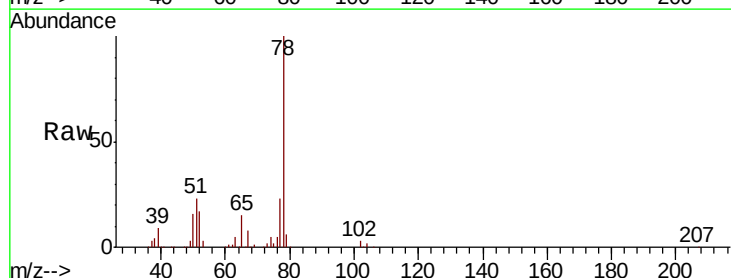
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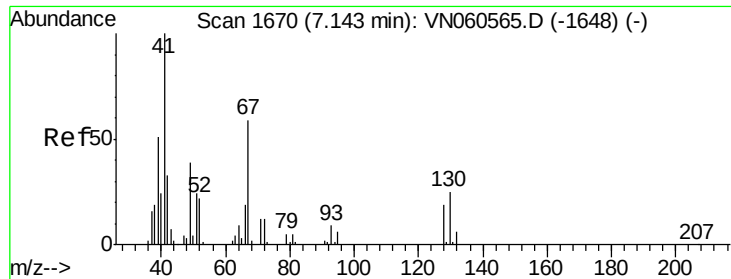
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#40
Benzene
Concen: 53.383 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	78	Resp	488126
Ion Ratio	100	Lower	Upper
78	100		
77	23.1	18.6	28.0





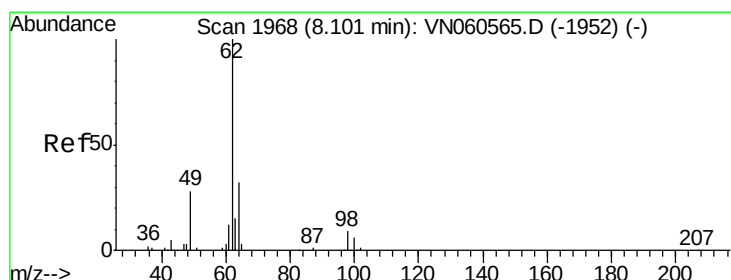
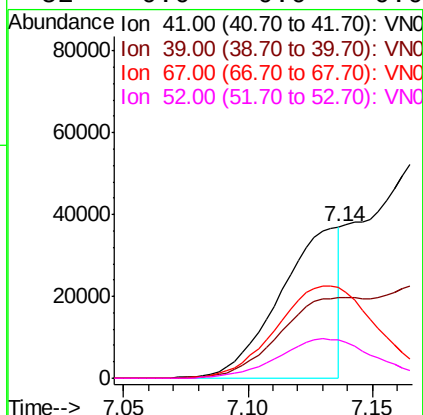
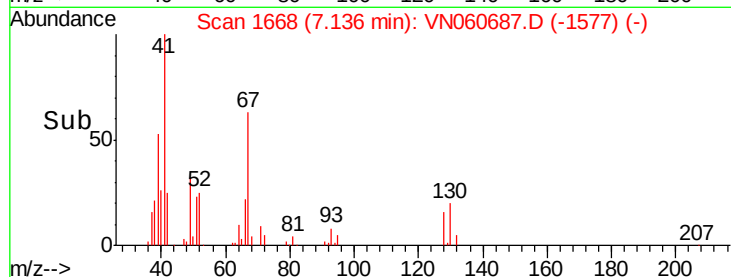
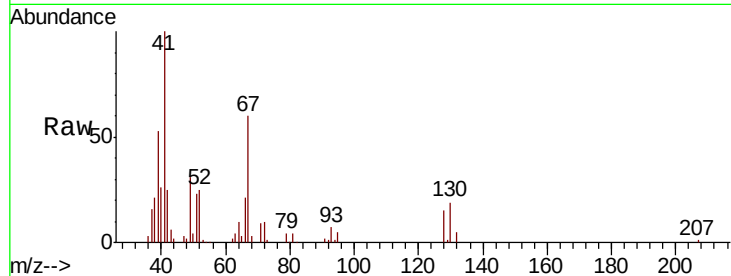
#41
Methacrylonitrile
Concen: 44.246 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

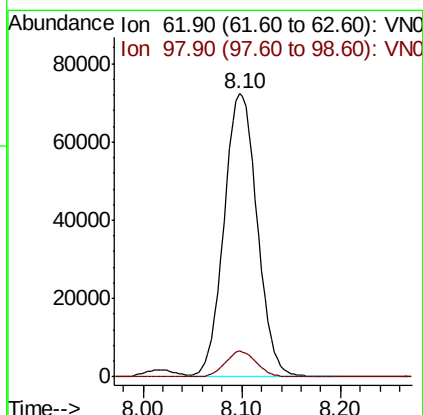
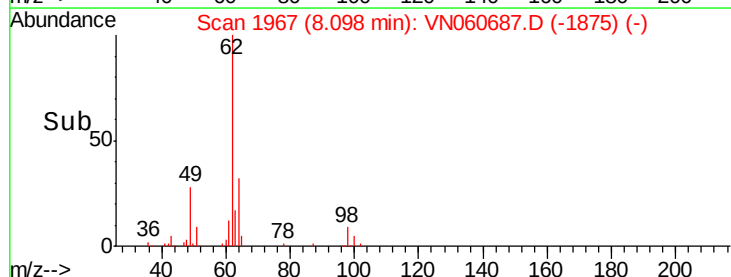
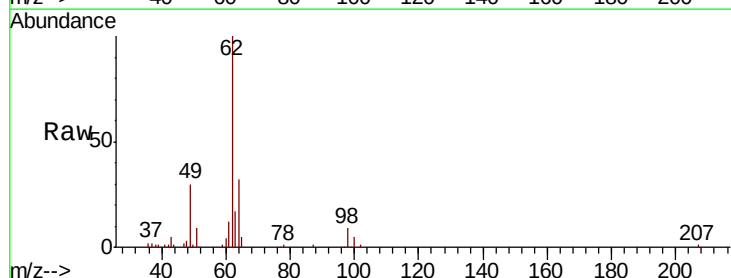
Manual Integrations
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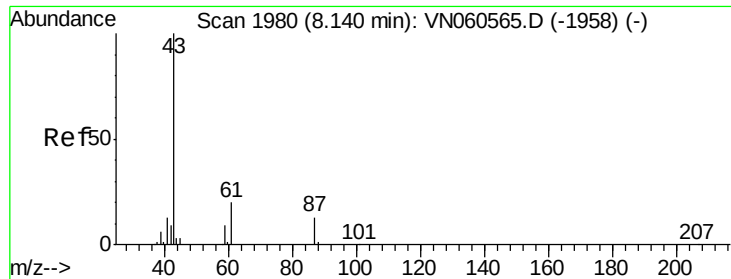
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#42
1,2-Dichloroethane
Concen: 54.254 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





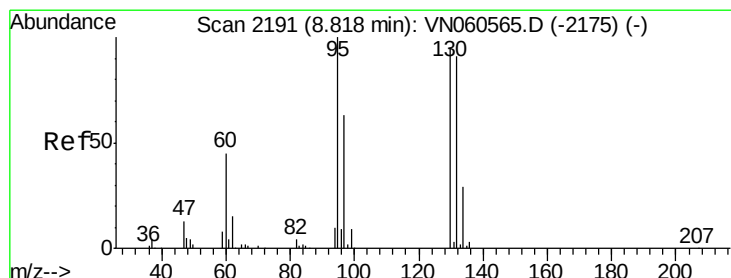
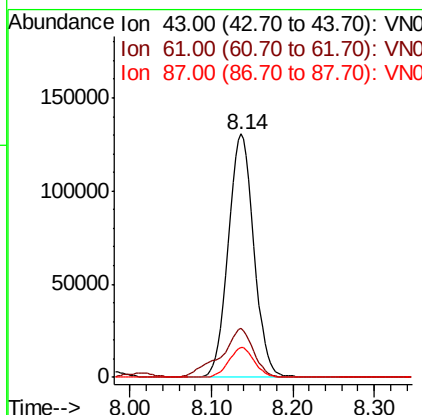
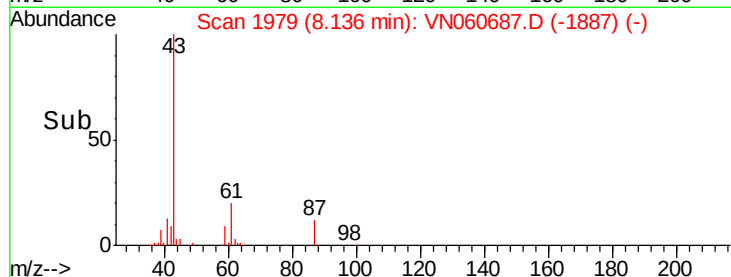
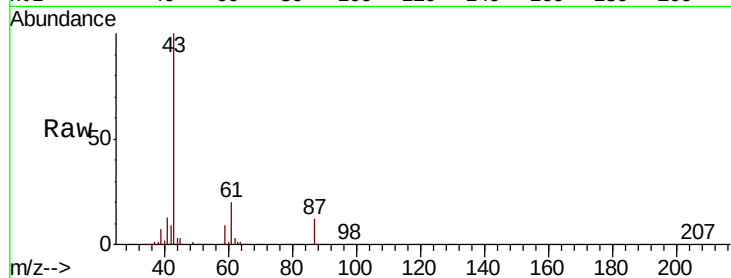
#43
Isopropyl Acetate
Concen: 53.273 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.3	20.7	31.1
87	12.1	9.8	14.8

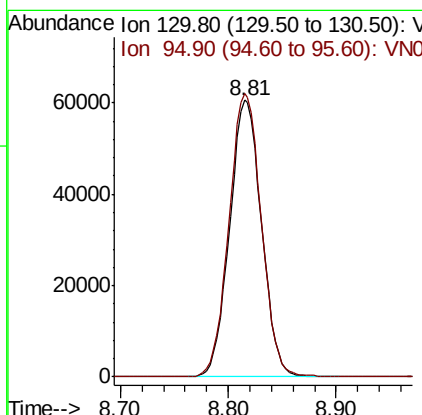
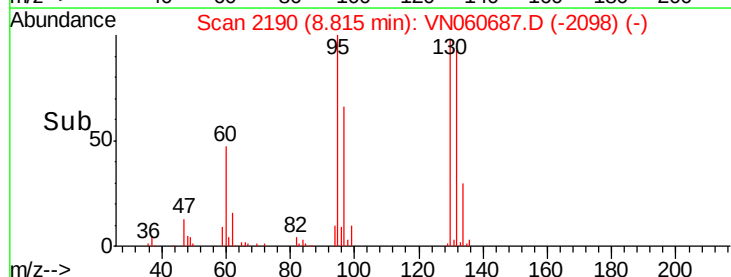
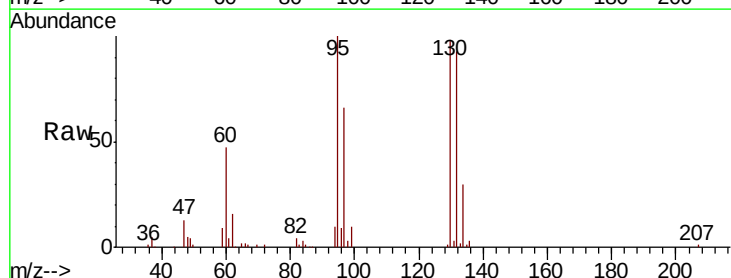
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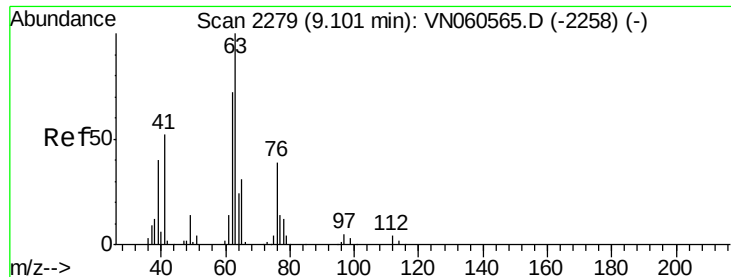
apatel
3/26/2020 11:00:08 AM



#44
Trichloroethene
Concen: 54.130 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	211.2





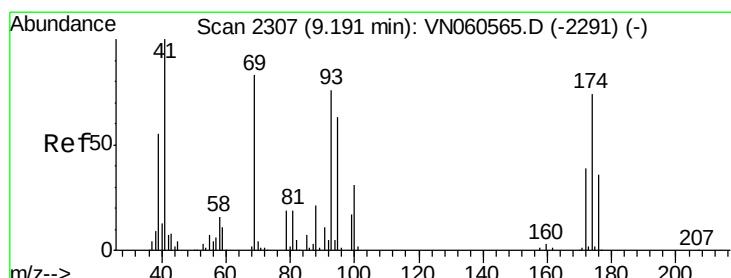
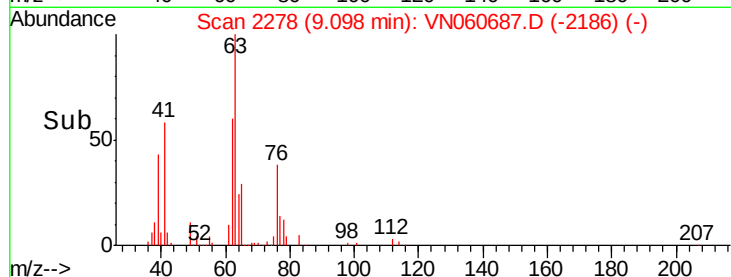
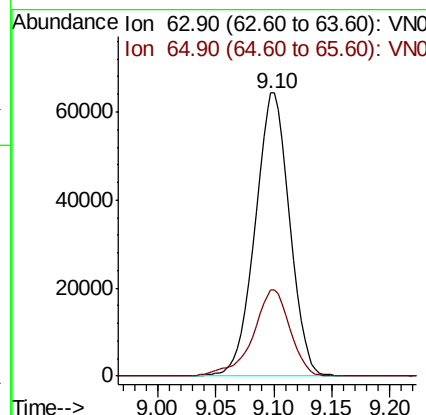
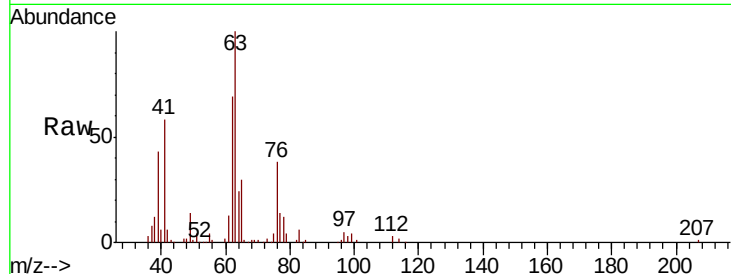
#45
 1,2-Dichloropropane
 Concen: 55.280 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.4	38.0

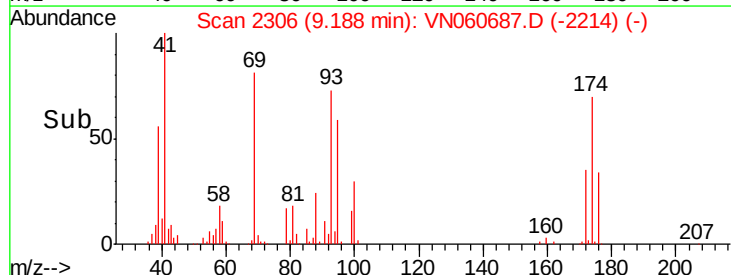
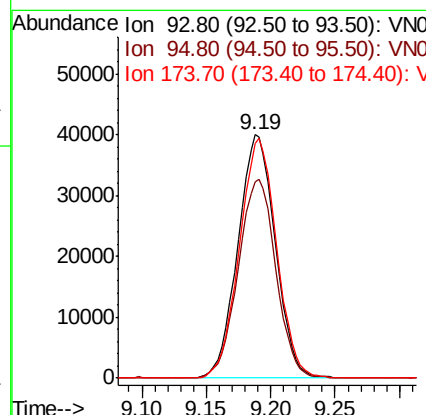
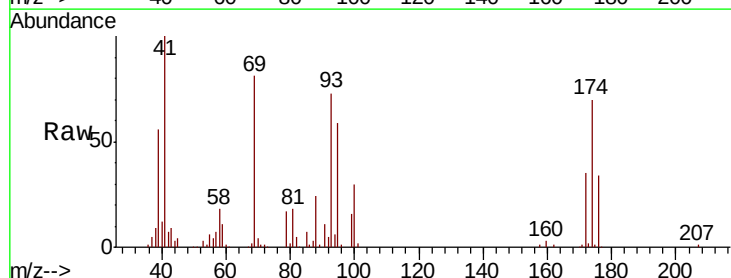
Manual Integrations
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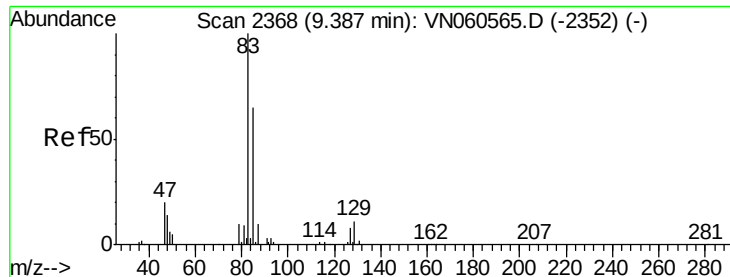
apatel
 3/26/2020 11:00:08 AM



#46
 Dibromomethane
 Concen: 55.356 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.2	99.4
174	97.7	77.9	116.9





#47

Bromodichloromethane

Concen: 55.327 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

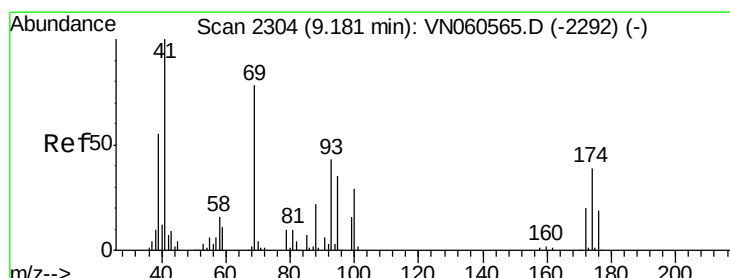
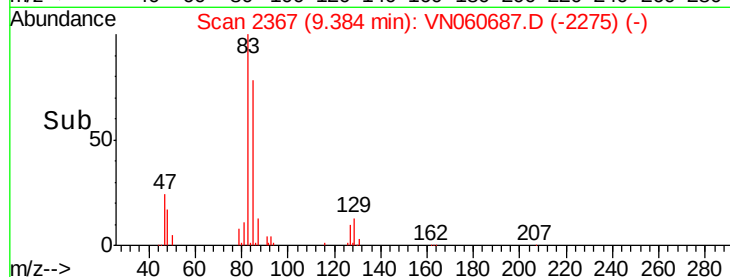
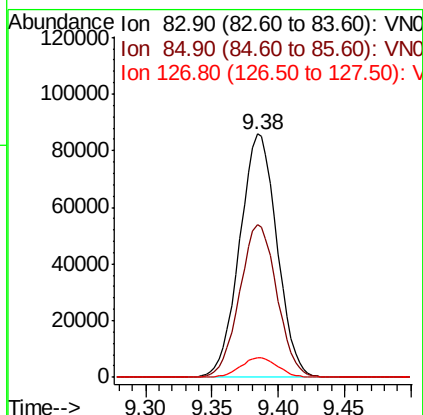
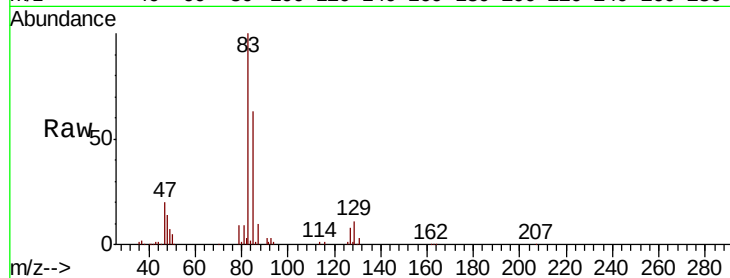
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	167702
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.8	77.6
127	8.1	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.052 ug/l

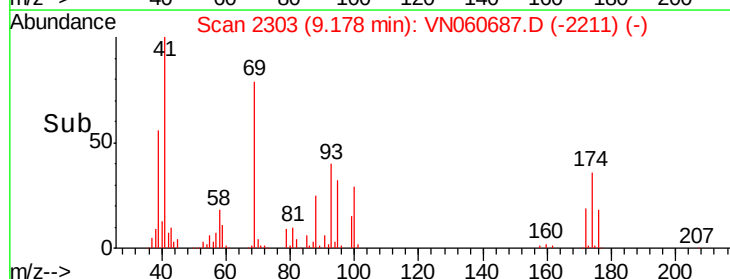
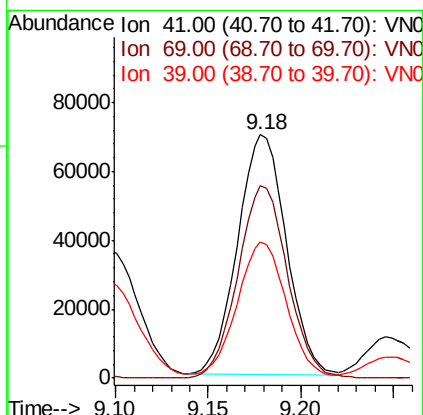
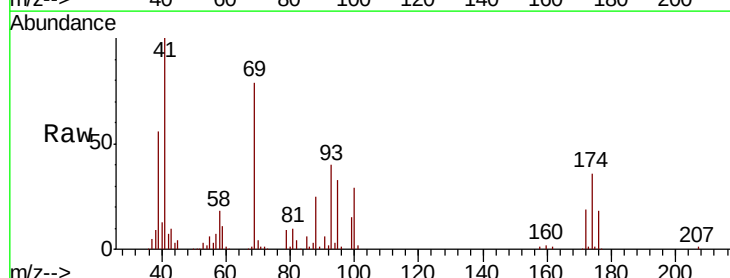
RT: 9.18 min Scan# 2303

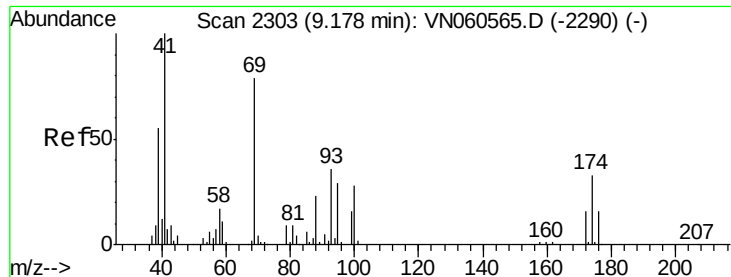
Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion:	41	Resp:	127495
Ion	Ratio	Lower	Upper
41	100		
69	81.8	65.4	98.0
39	58.2	44.0	66.0





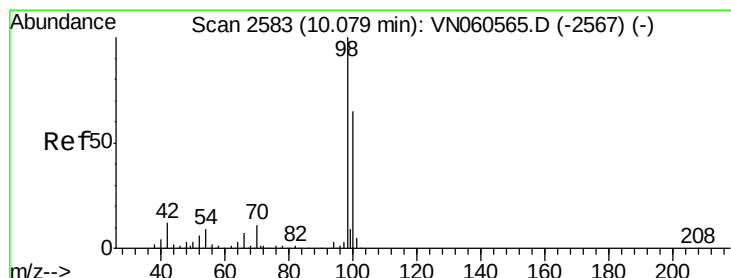
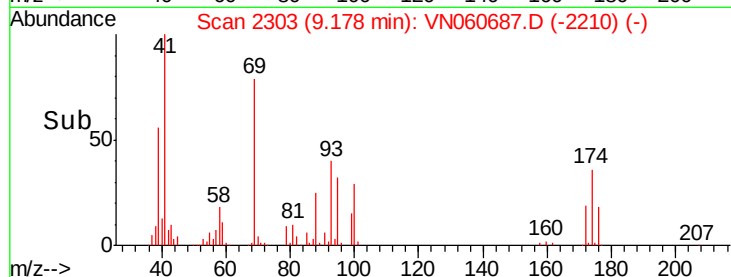
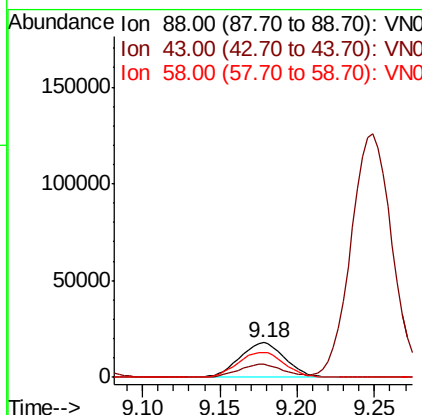
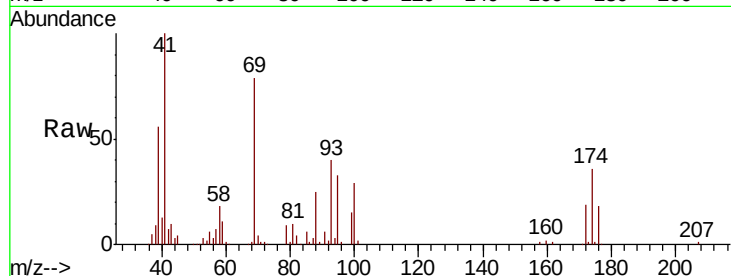
#49
1,4-Dioxane
Concen: 1280.486 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	30.8	46.2
58	74.0	59.8	89.8

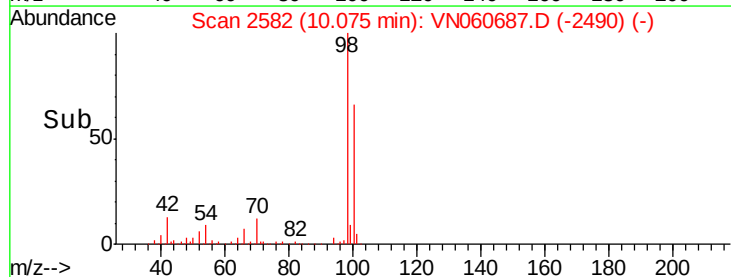
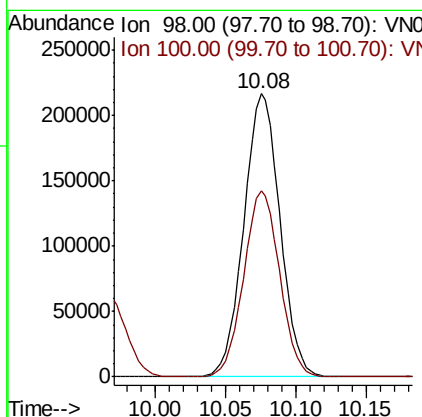
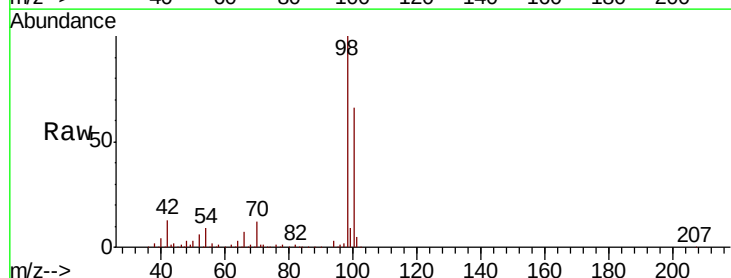
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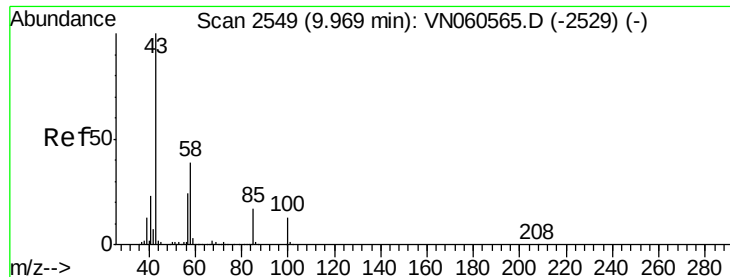
apatel
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#50
Toluene-d8
Concen: 50.392 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 269.003 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 826249

Ion Ratio Lower Upper

43 100

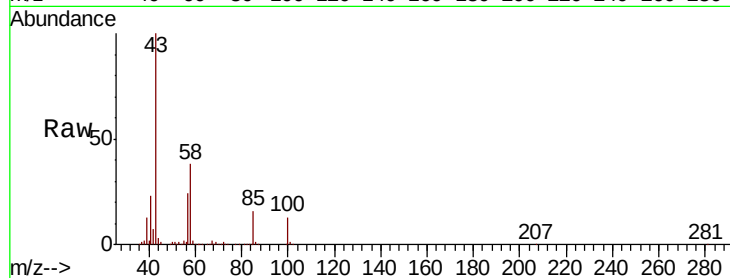
58 38.4 30.8 46.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

400000

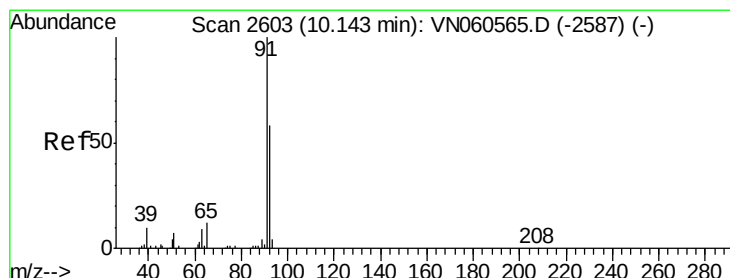
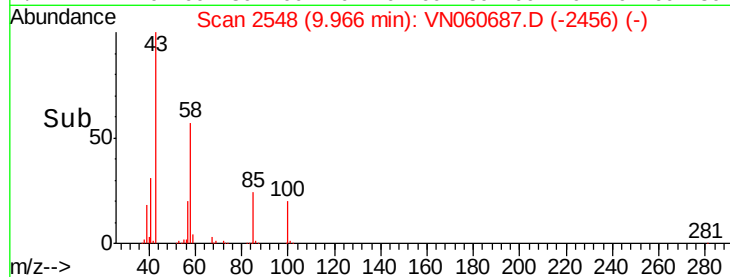
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.445 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060687.D

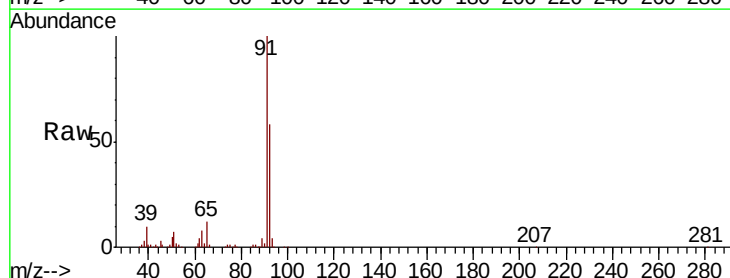
Acq: 25 Mar 2020 11:06

Tgt Ion: 92 Resp: 300663

Ion Ratio Lower Upper

92 100

91 171.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

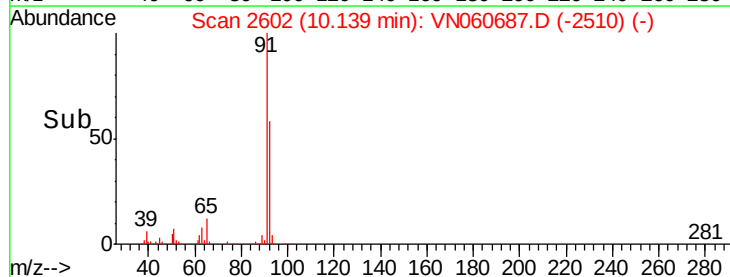
300000

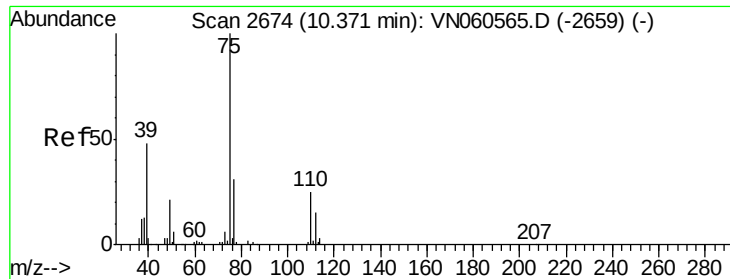
200000

100000

0

Time-->





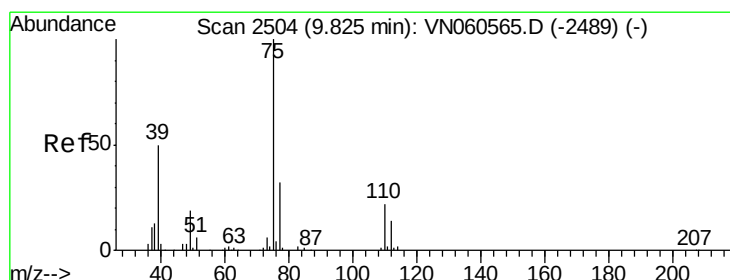
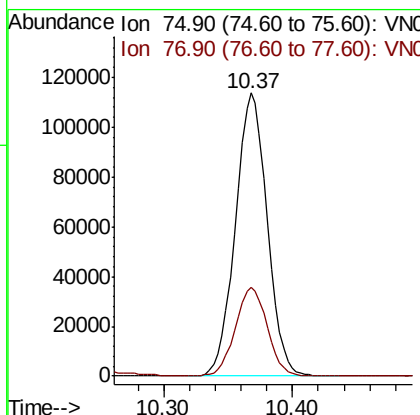
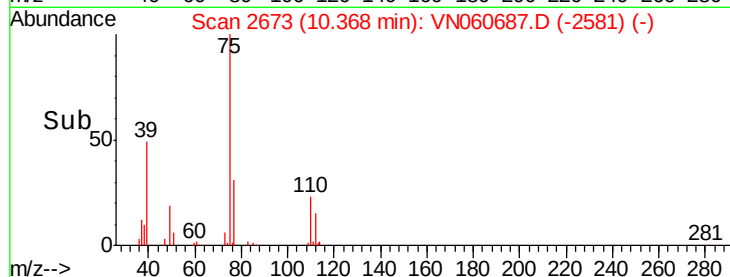
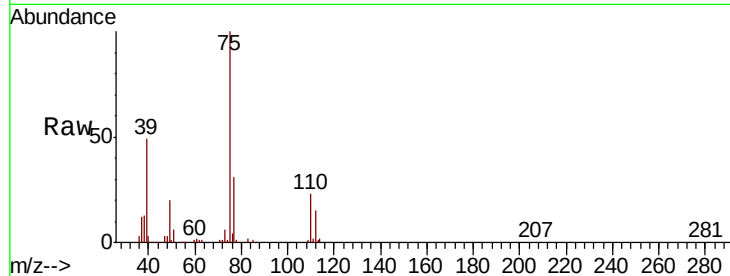
#53
t-1,3-Dichloropropene
Concen: 55.803 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

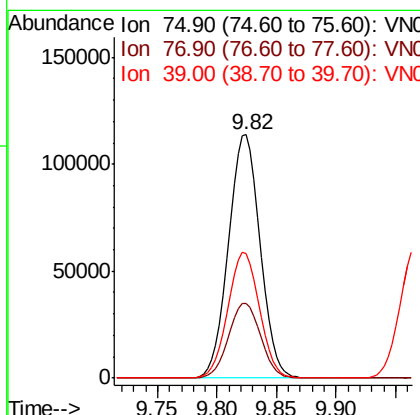
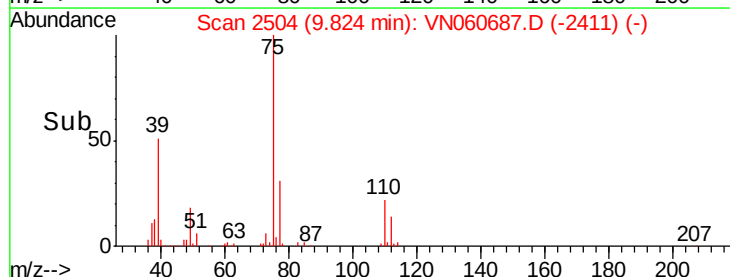
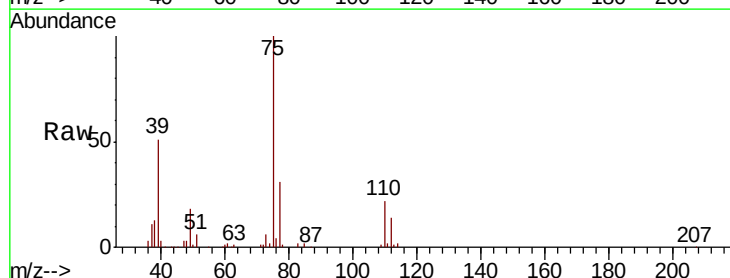
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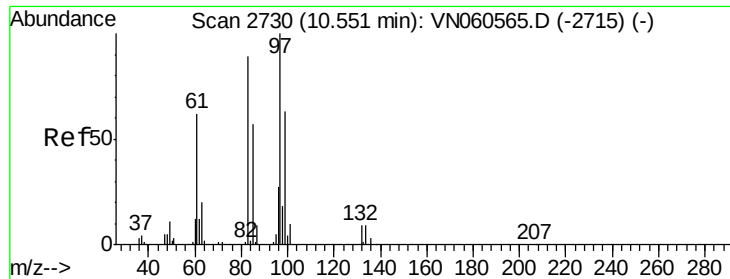
apatel
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#54
cis-1,3-Dichloropropene
Concen: 54.937 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0
39	50.9	40.2	60.4





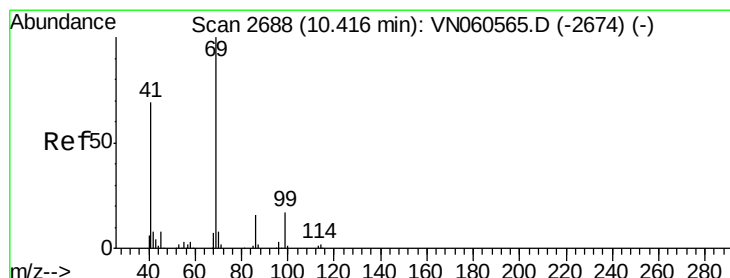
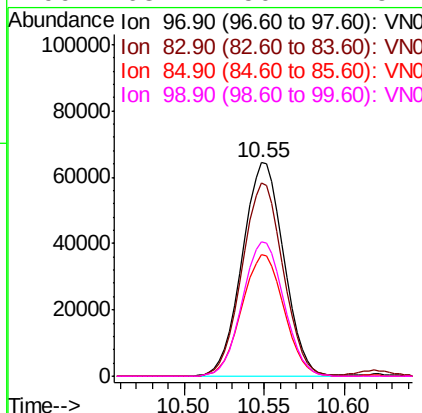
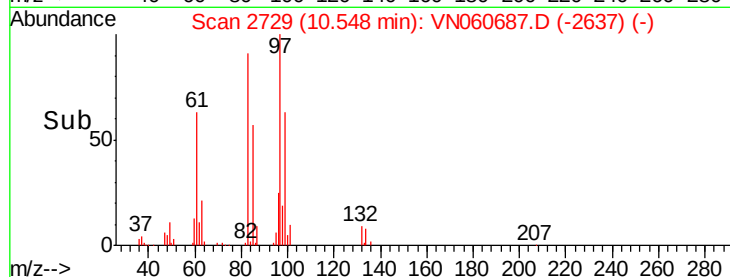
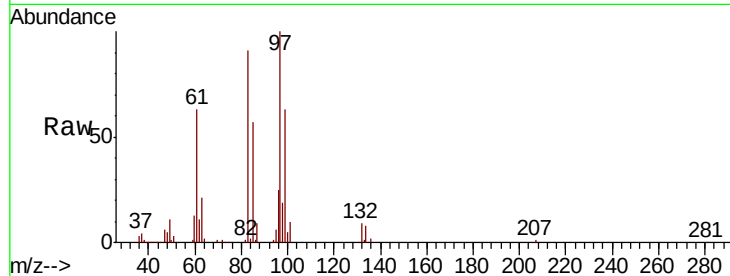
#55
 1,1,2-Trichloroethane
 Concen: 53.822 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	114345
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.3	106.9
85	56.9	45.2	67.8
99	63.1	50.1	75.1

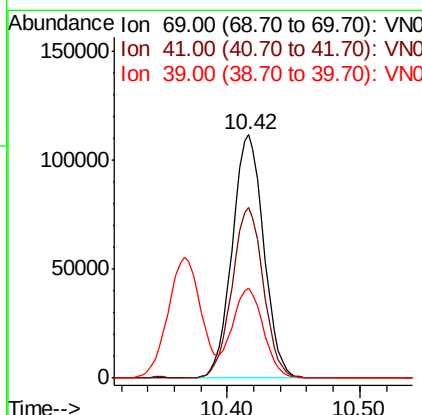
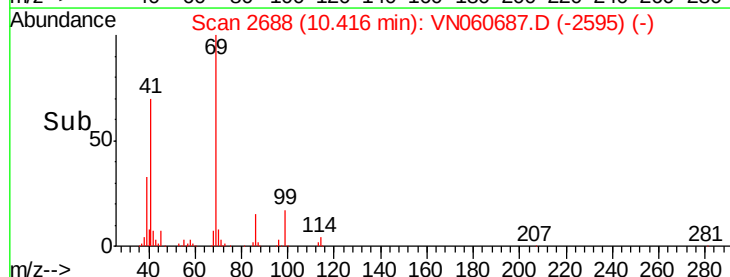
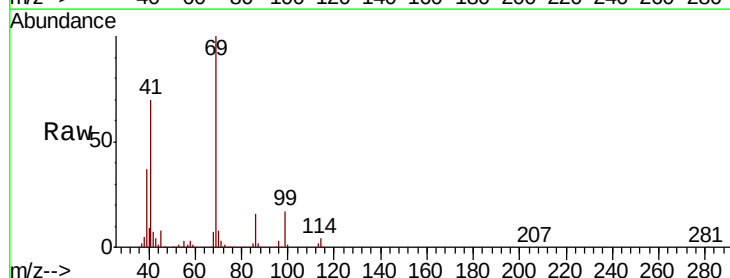
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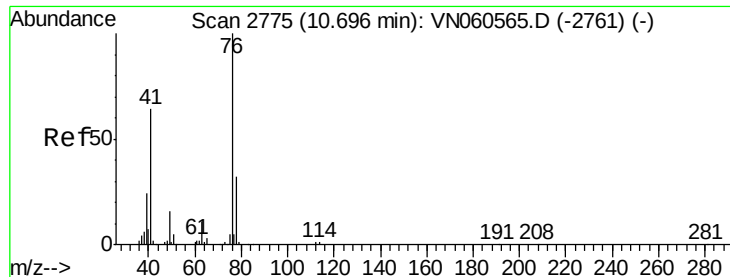
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#56
 Ethyl methacrylate
 Concen: 55.705 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion:	69	Resp:	184528
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.2
39	36.4	29.4	44.0





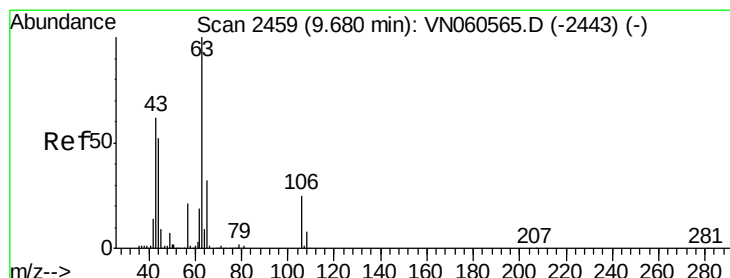
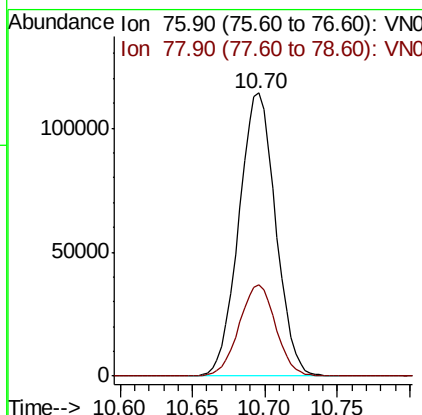
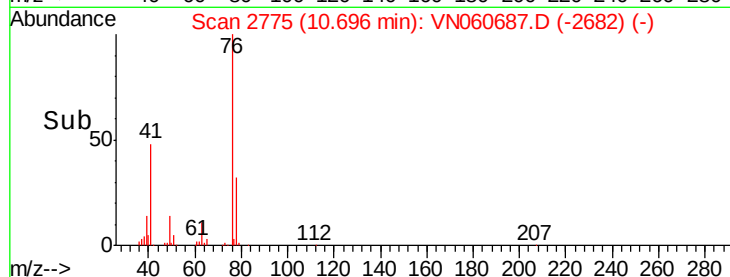
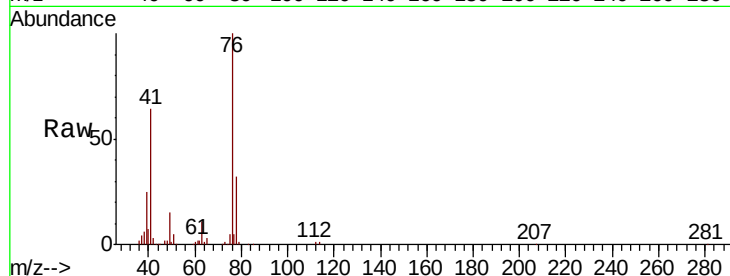
#57
 1,3-Dichloropropane
 Concen: 54.668 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

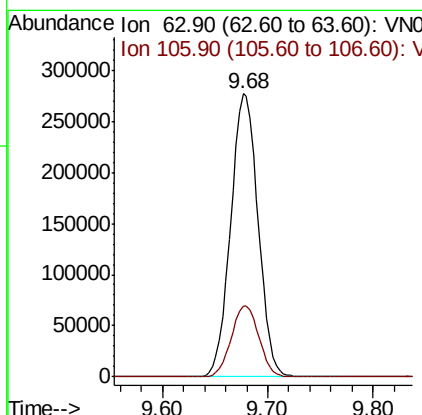
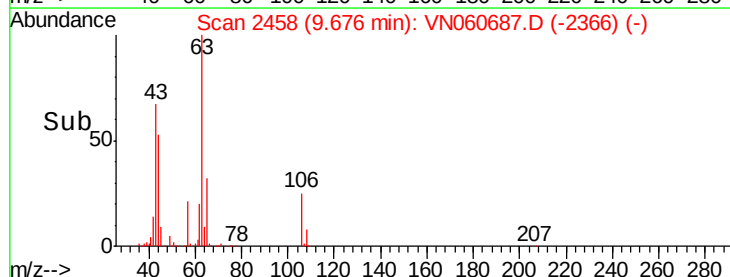
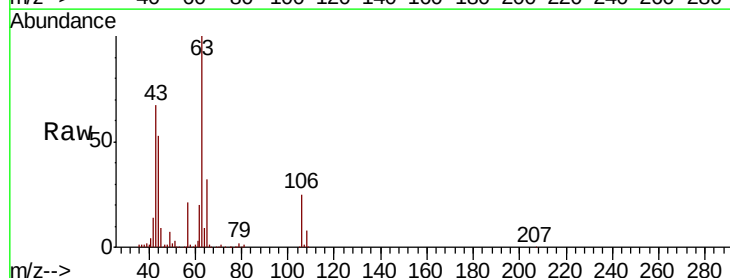
Manual Integrations
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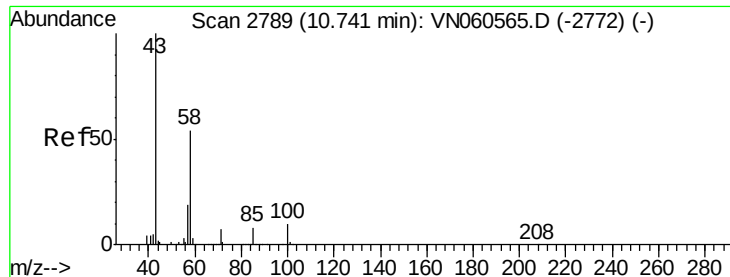
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 302.197 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	20.0	30.0





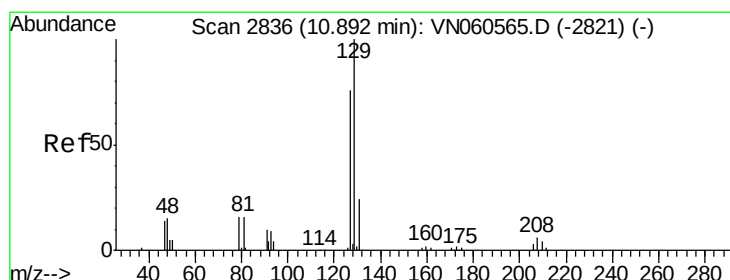
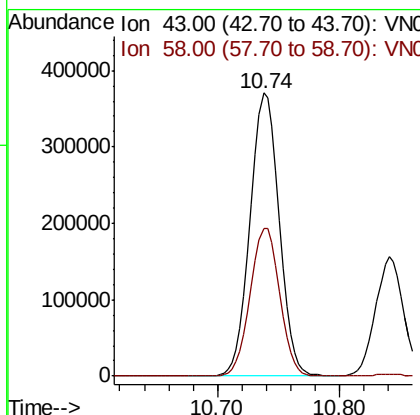
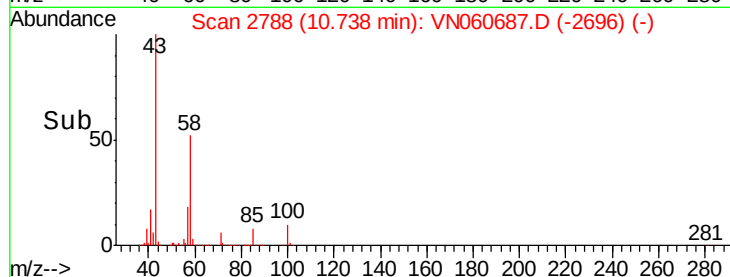
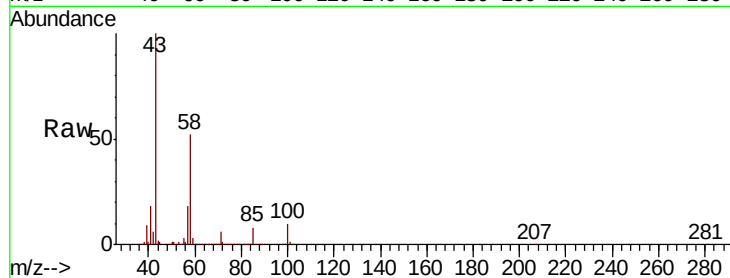
#59
2-Hexanone
Concen: 274.029 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 606311
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1

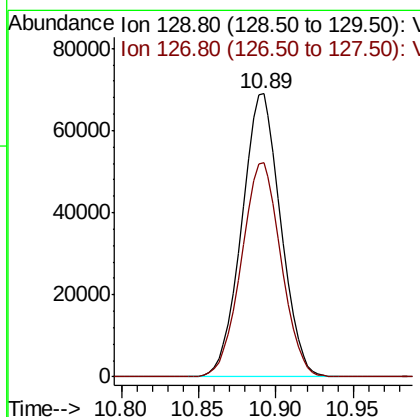
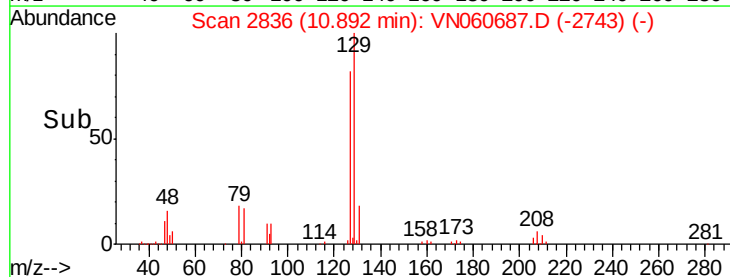
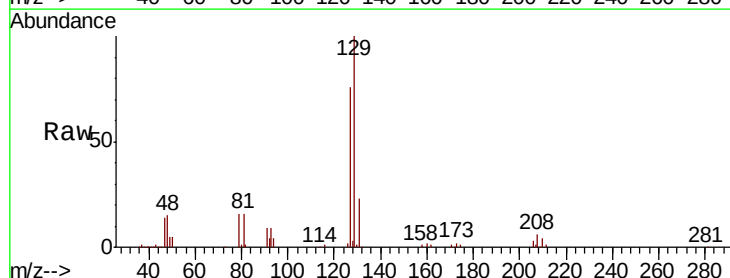
Manual Integrations
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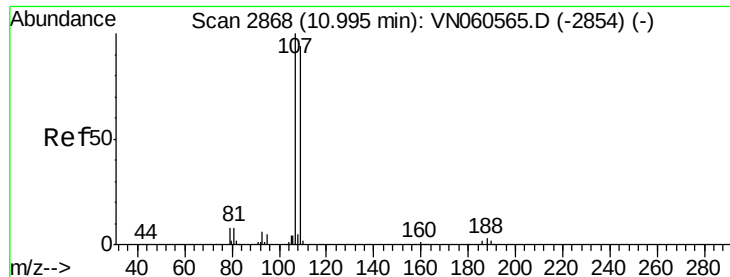
apatel
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#60
Dibromochloromethane
Concen: 55.137 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion: 129 Resp: 120998
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





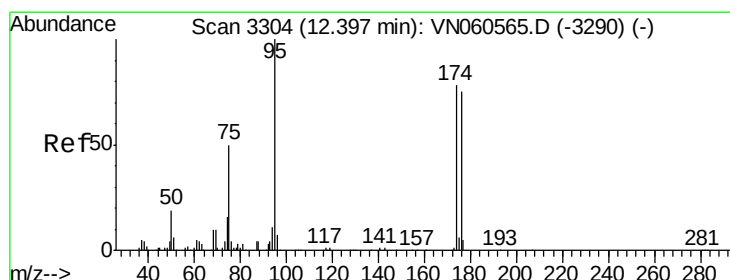
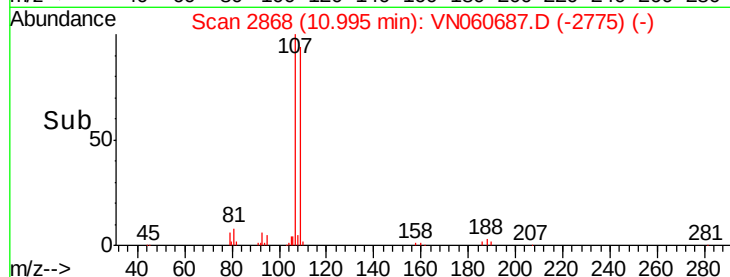
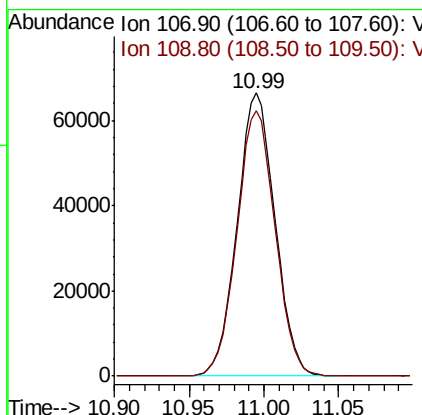
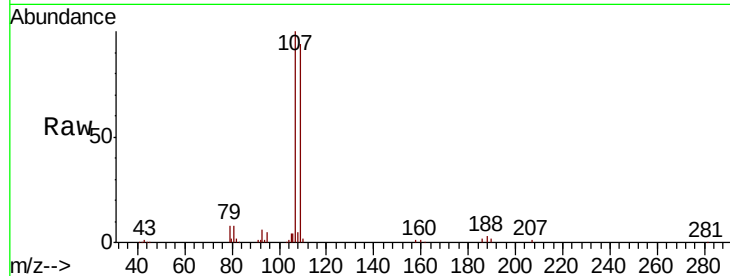
#61
 1,2-Dibromoethane
 Concen: 54.670 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.4	113.2

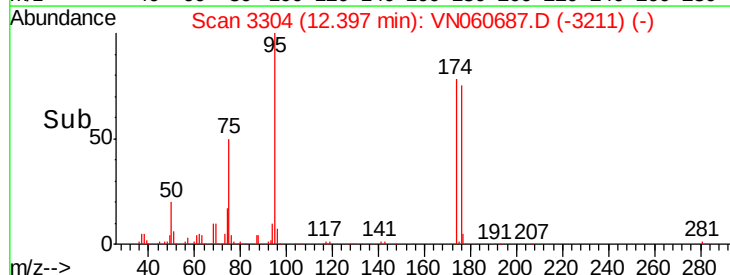
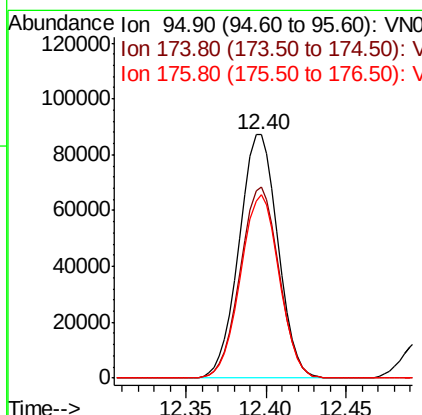
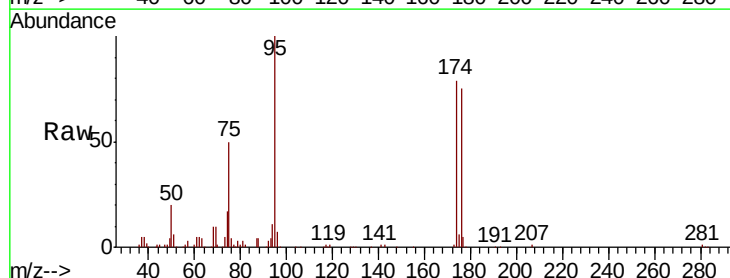
Manual Integrations
 APPROVED

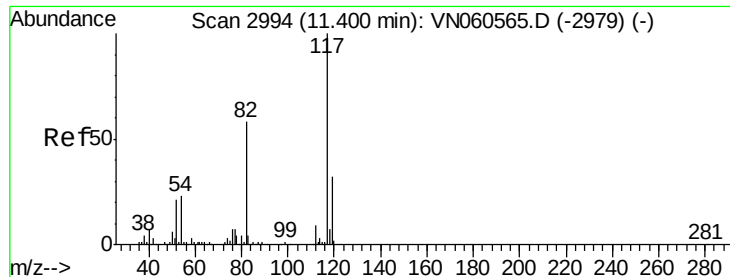
apatel
 3/26/2020 11:00:08 AM



#62
 4-Bromofluorobenzene
 Concen: 50.814 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	157.6
176	75.2	0.0	150.6





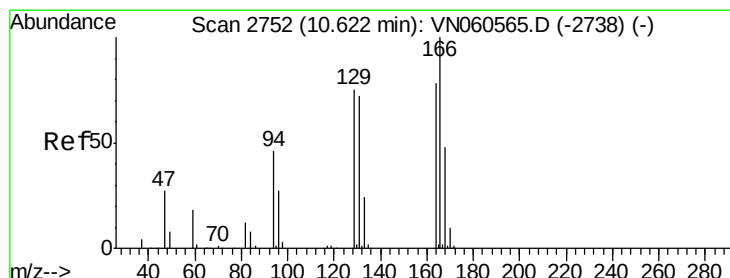
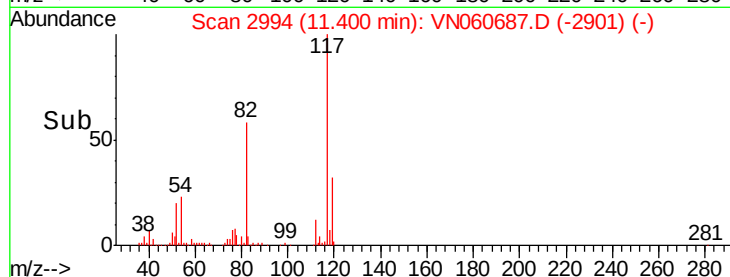
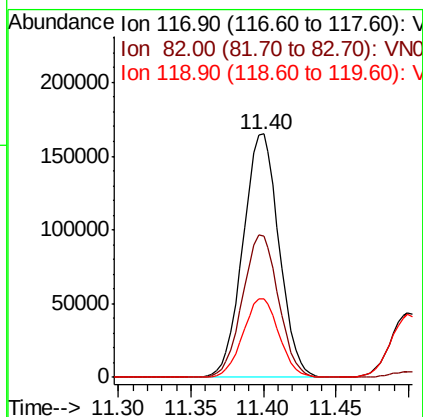
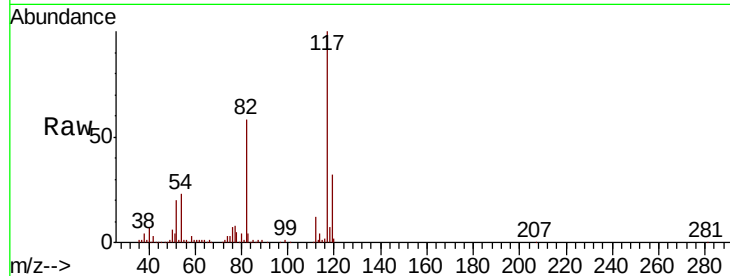
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.7	70.1
119	32.3	25.5	38.3

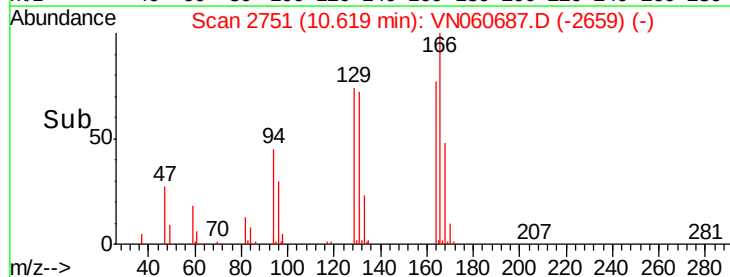
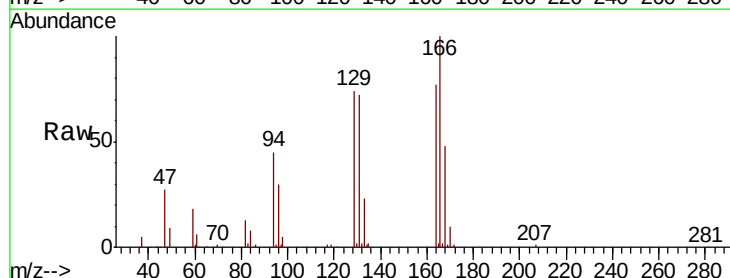
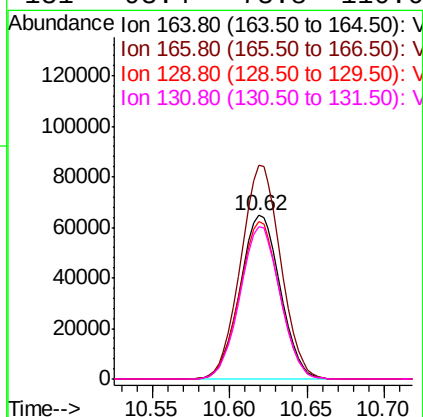
Manual Integrations
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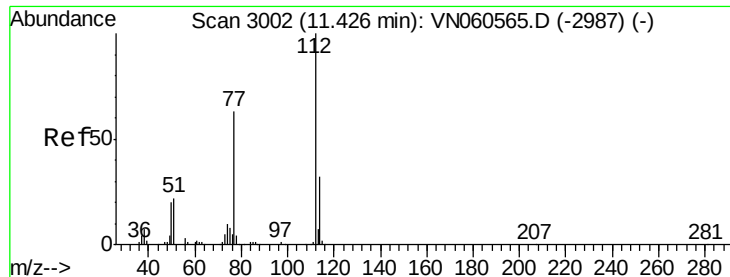
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#64
Tetrachloroethene
Concen: 52.410 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	102.7	154.1
129	96.1	77.2	115.8
131	93.4	73.8	110.6





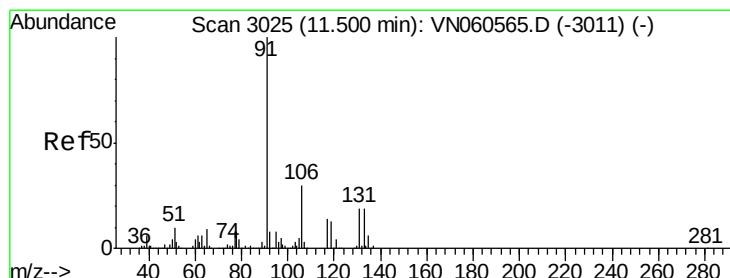
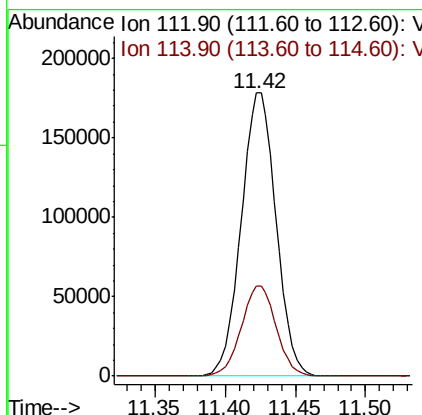
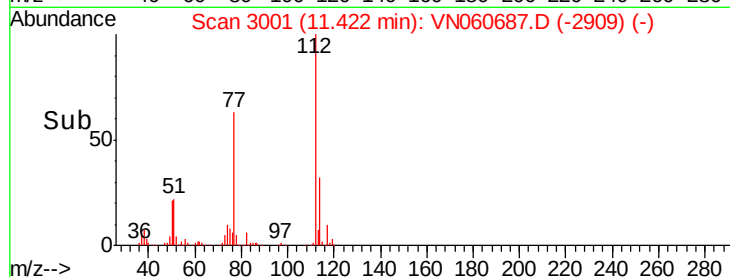
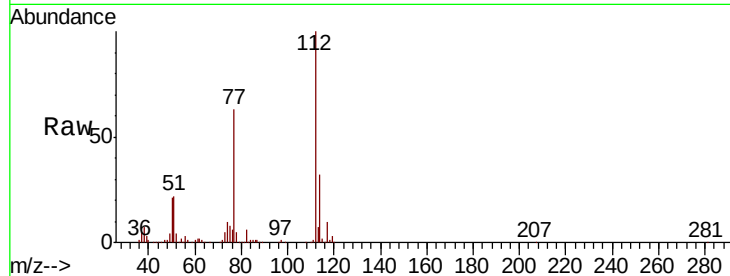
#65
Chlorobenzene
Concen: 54.382 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 308270
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

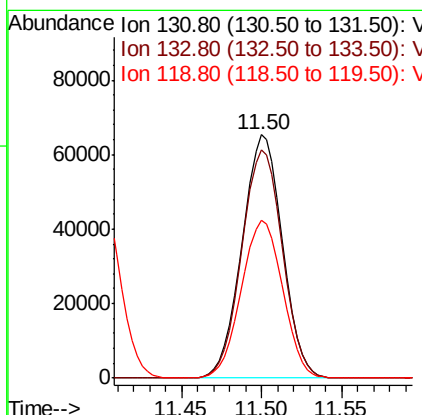
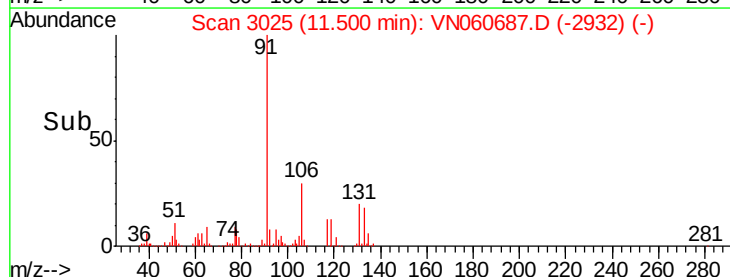
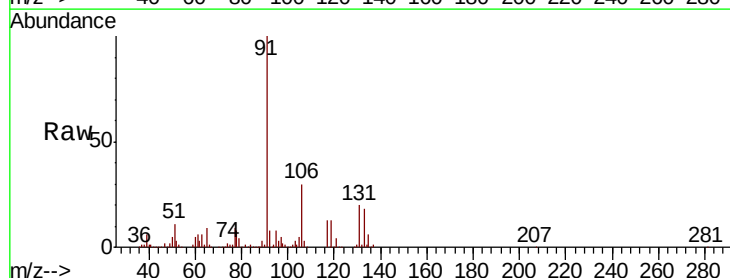
Manual Integrations
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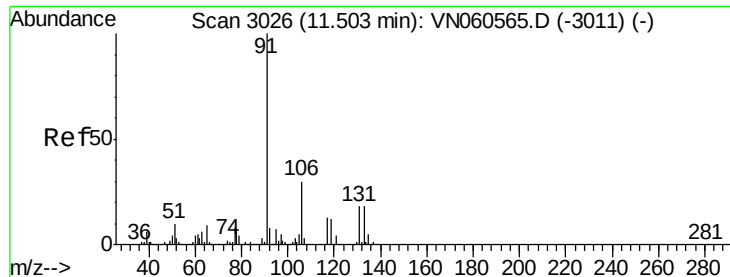
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.781 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion:131 Resp: 112432
Ion Ratio Lower Upper
131 100
133 95.1 48.9 146.8
119 66.6 33.9 101.7





#67

Ethyl Benzene

Concen: 54.779 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 577459

Ion Ratio Lower Upper

91 100

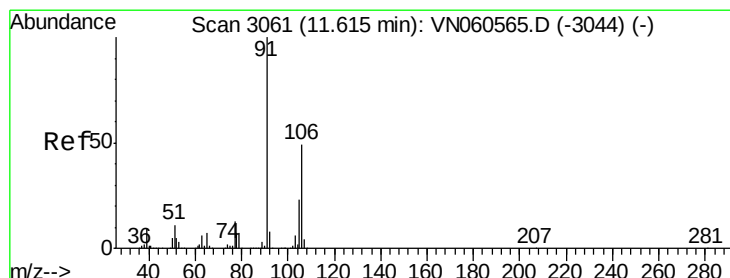
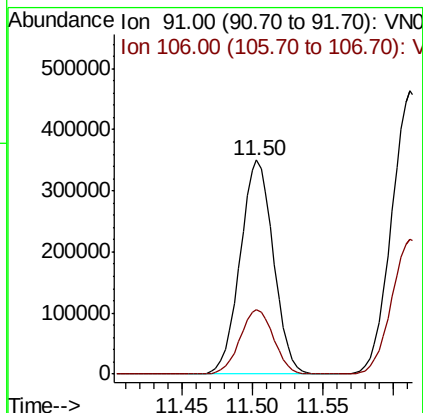
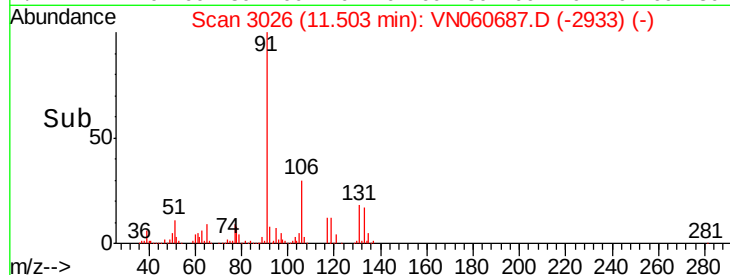
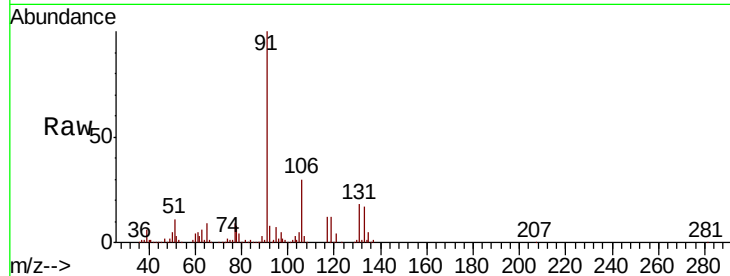
106 30.2 24.2 36.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.055 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060687.D

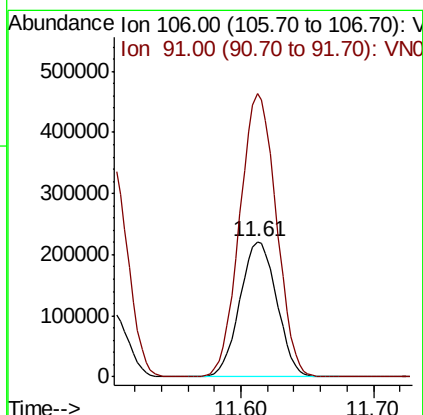
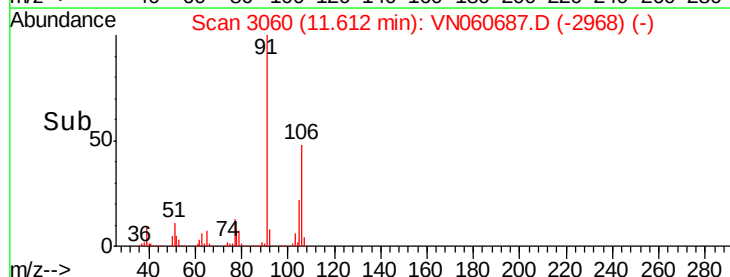
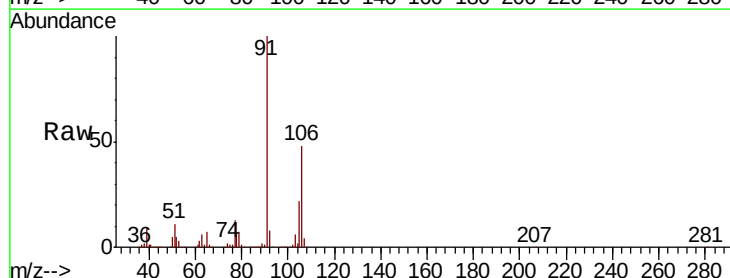
Acq: 25 Mar 2020 11:06

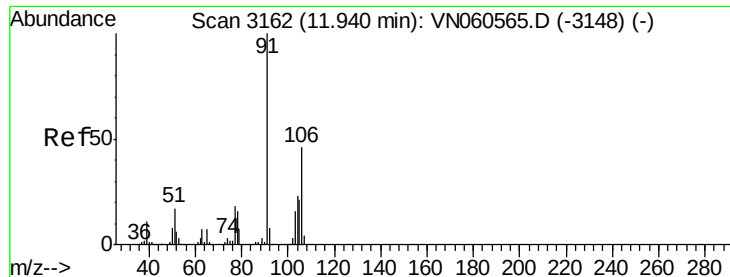
Tgt Ion: 106 Resp: 427203

Ion Ratio Lower Upper

106 100

91 208.0 165.0 247.4





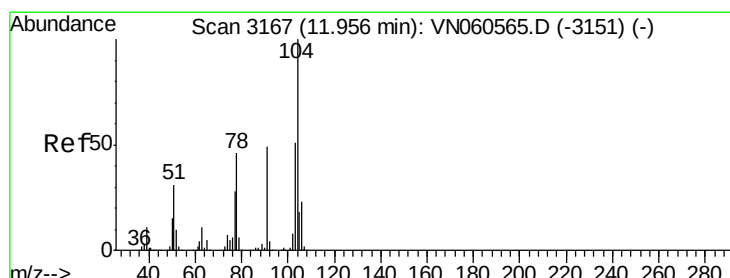
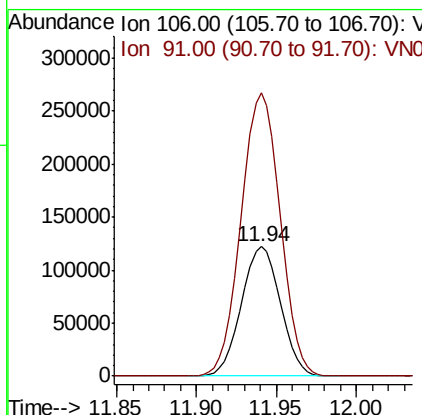
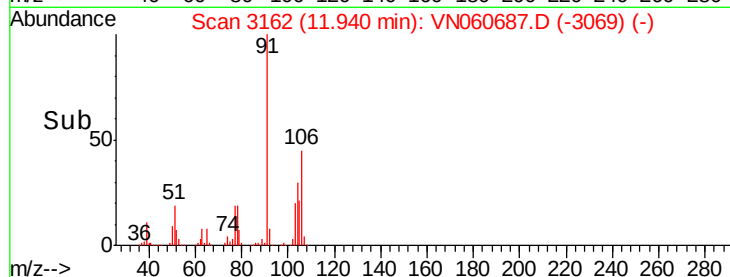
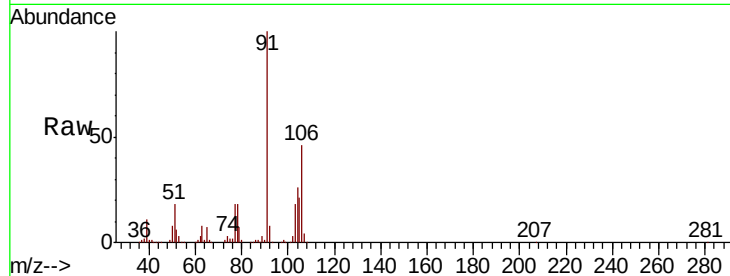
#69
o-Xylene
Concen: 54.347 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.0	109.5	328.4	

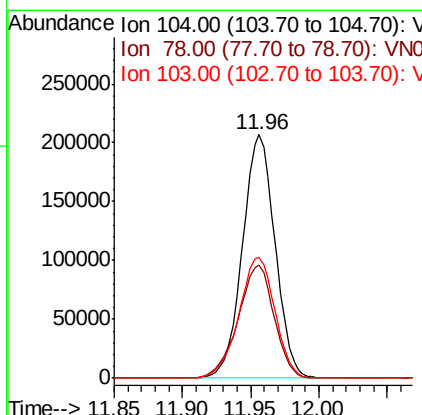
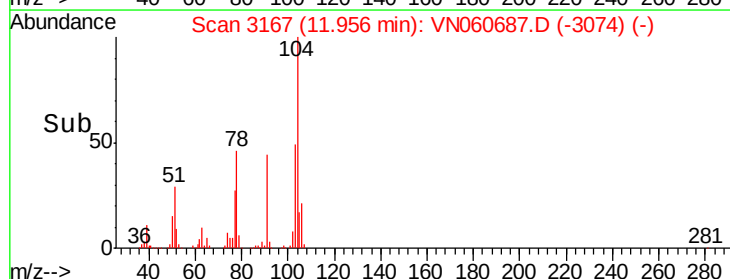
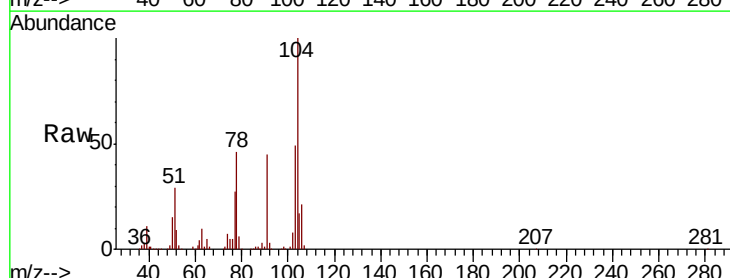
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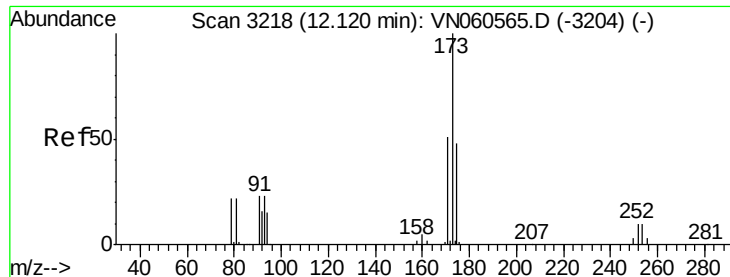
apatel
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#70
Styrene
Concen: 56.053 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.3	41.2	61.8	
103	54.8	44.0	66.0	





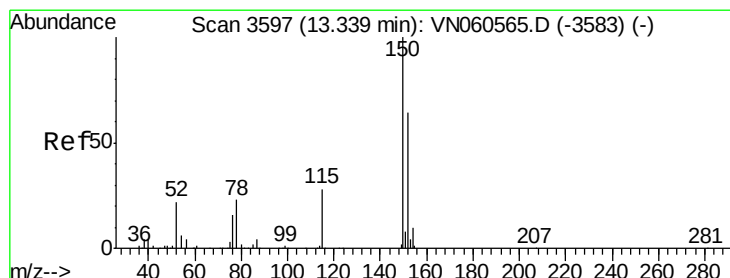
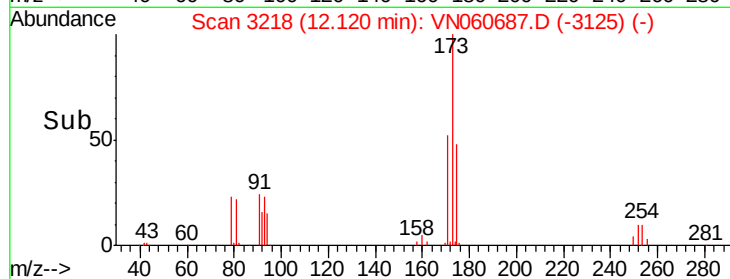
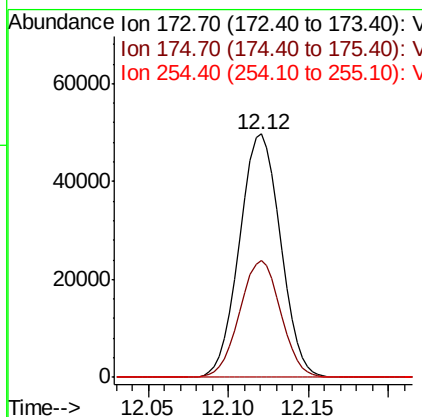
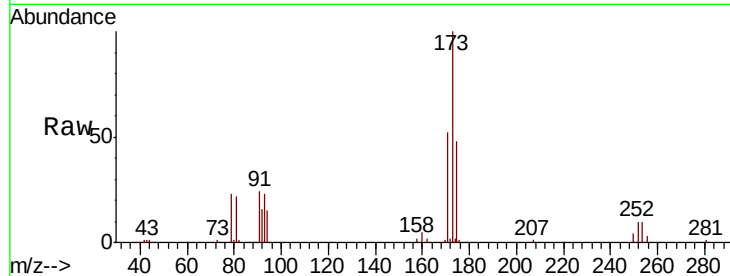
#71
Bromoform
Concen: 50.990 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0

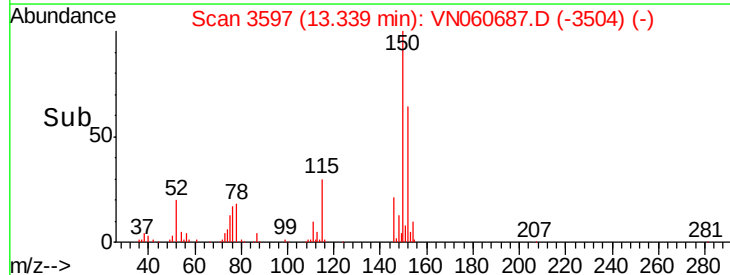
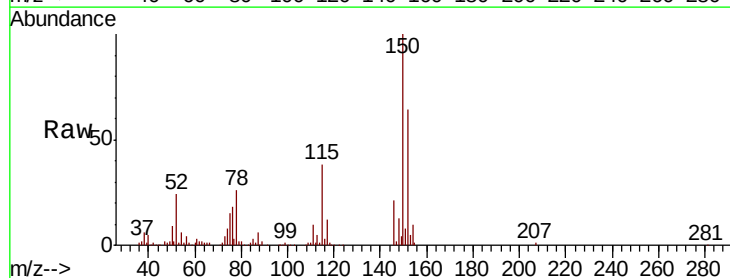
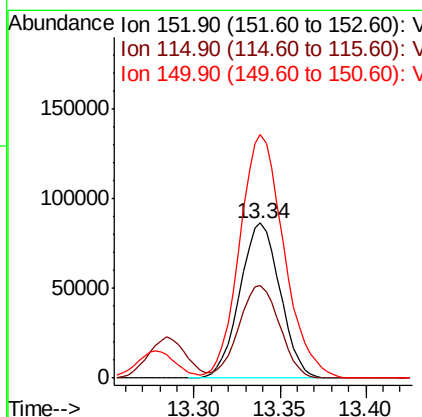
Manual Integrations
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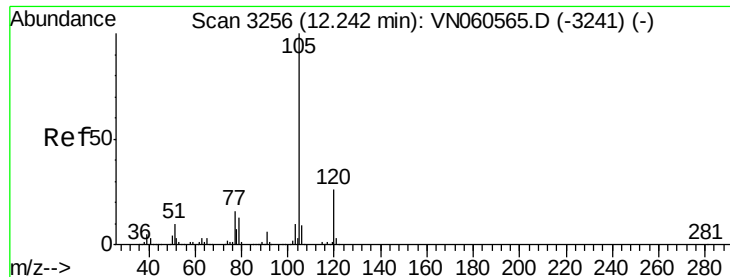
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.2	90.6
150	172.5	0.0	350.2





#73

Isopropylbenzene

Concen: 51.767 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 547432

Ion Ratio Lower Upper

105 100

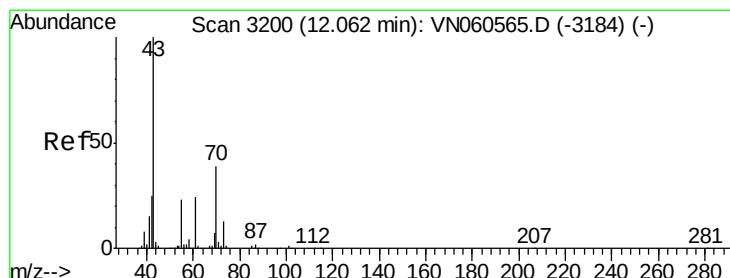
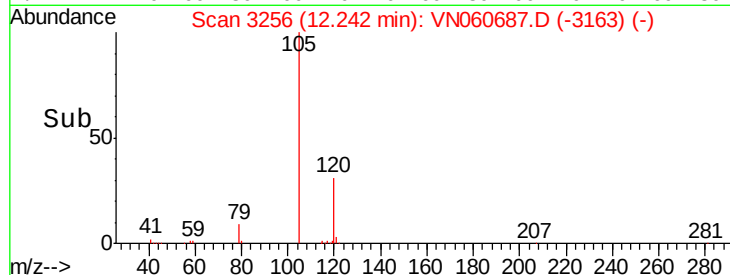
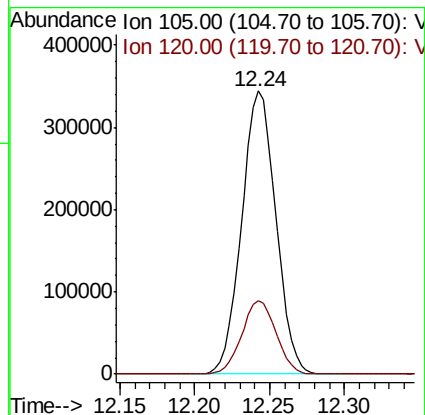
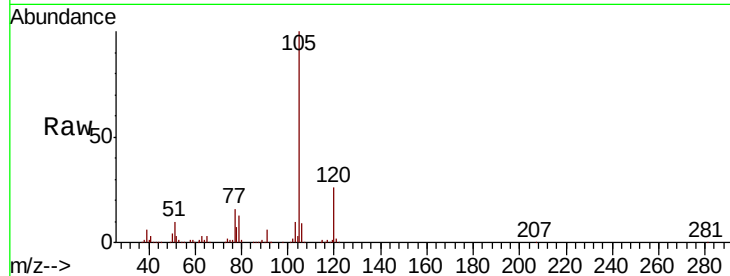
120 26.1 13.1 39.1

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#74

N-ethyl acetate

Concen: 51.837 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion: 43 Resp: 253309

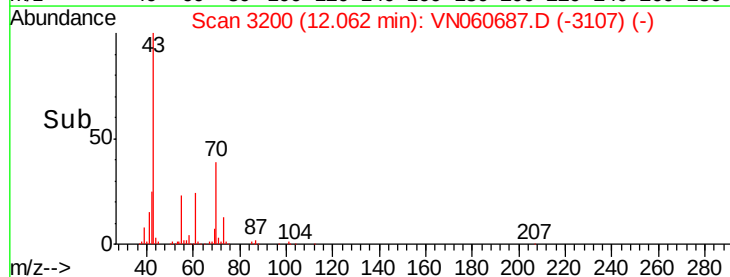
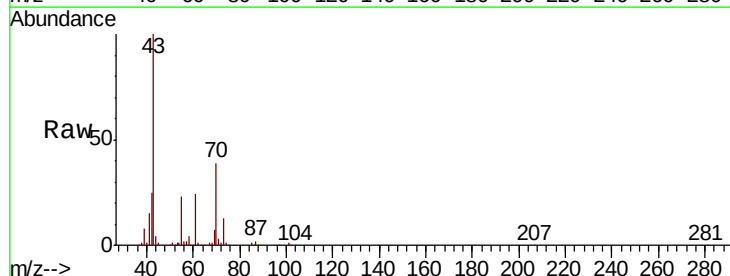
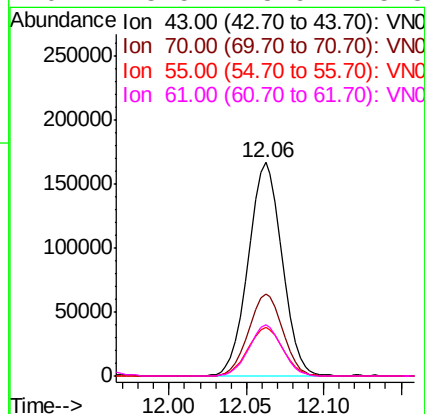
Ion Ratio Lower Upper

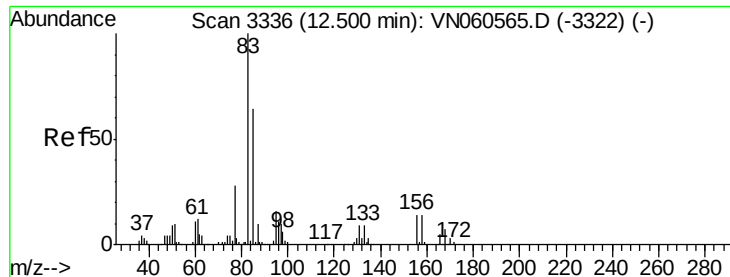
43 100

70 38.9 31.1 46.7

55 23.7 18.6 27.8

61 23.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.609 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

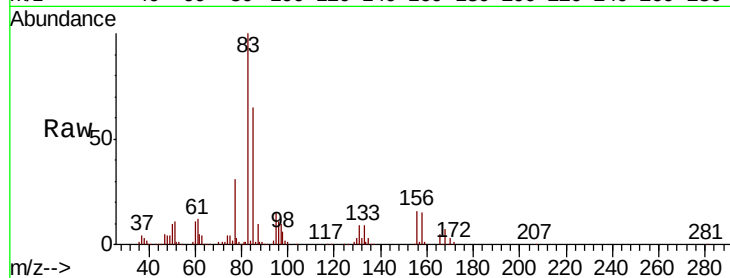
ClientSampleId :

VSTDCCC050

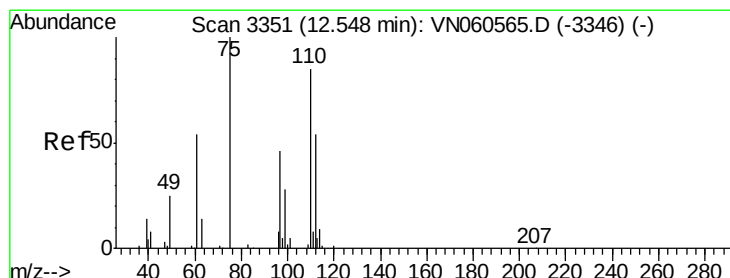
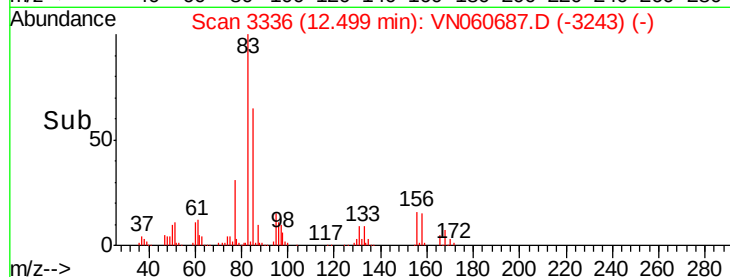
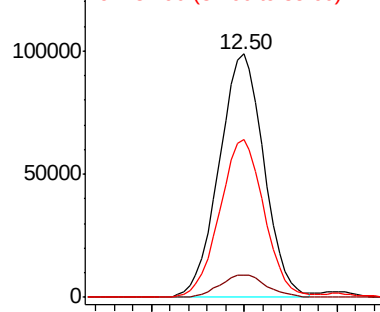
Tot Ion:	83	Resp:	165043
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	64.6	32.5	97.4

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN060687.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 49.035 ug/l m

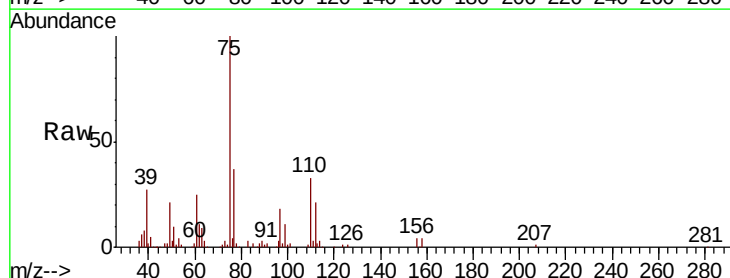
RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

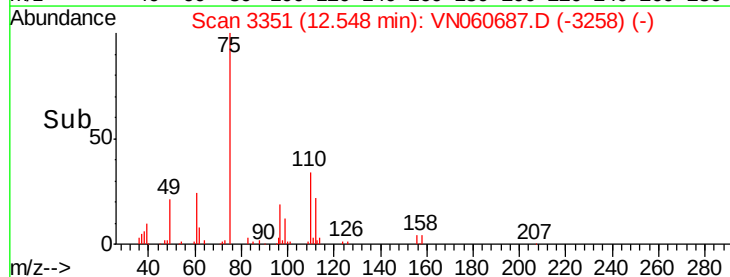
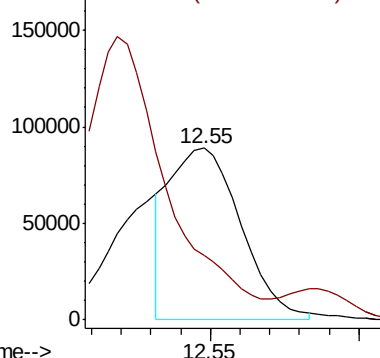
Lab File: VN060687.D

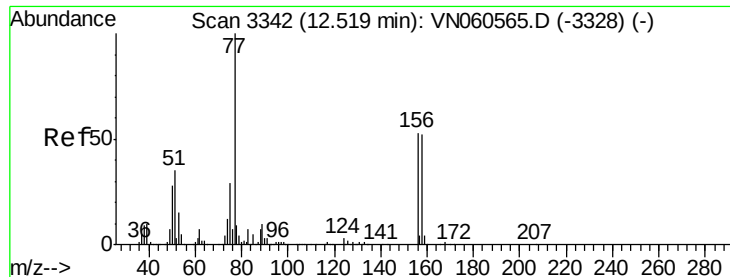
Acq: 25 Mar 2020 11:06

Tgt Ion:	75	Resp:	149099
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060687.D (-3346) (-)





#77

Bromobenzene

Concen: 52.044 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

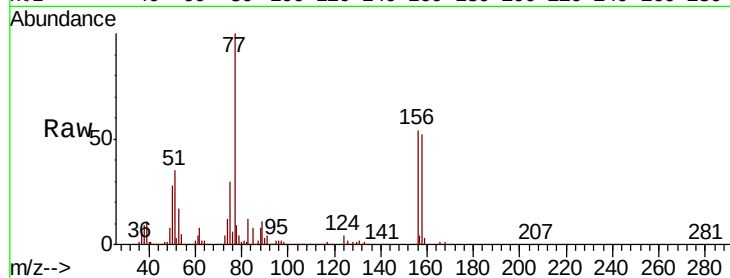
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	132619
Ion Ratio	Lower	Upper	
156	100		
77	221.0	112.3	337.0
158	96.2	48.6	145.8

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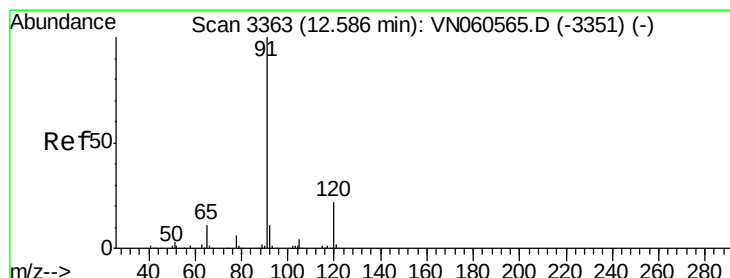
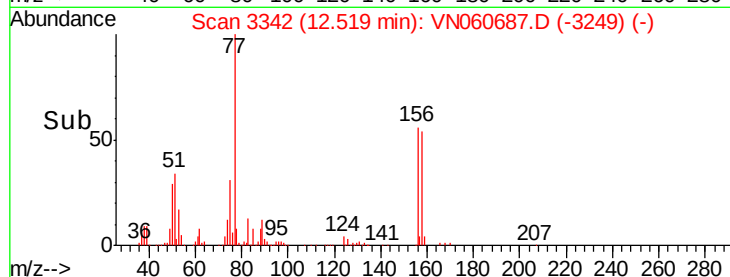
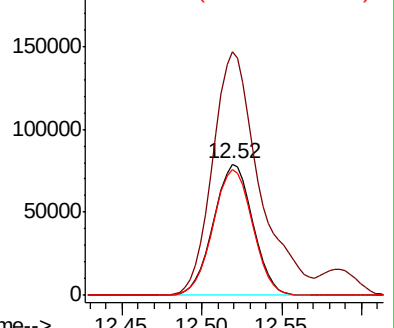
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.618 ug/l

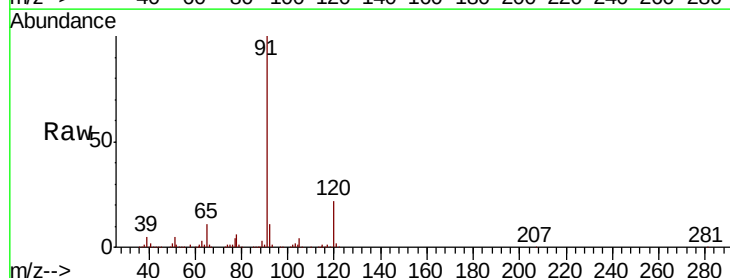
RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060687.D

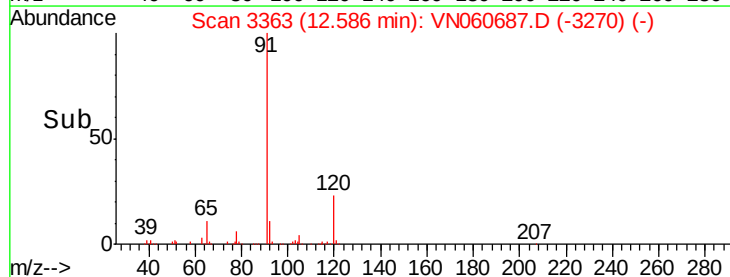
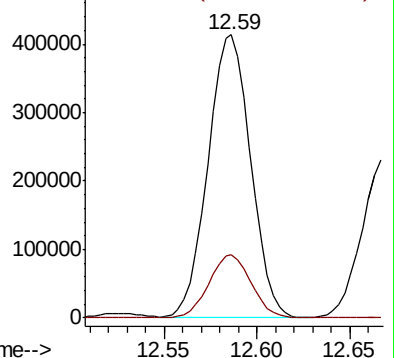
Acq: 25 Mar 2020 11:06

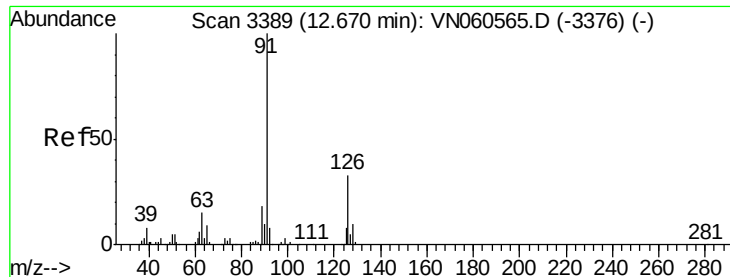
Tgt Ion:	91	Resp:	657402
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.101 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 381466

Ion Ratio Lower Upper

91 100

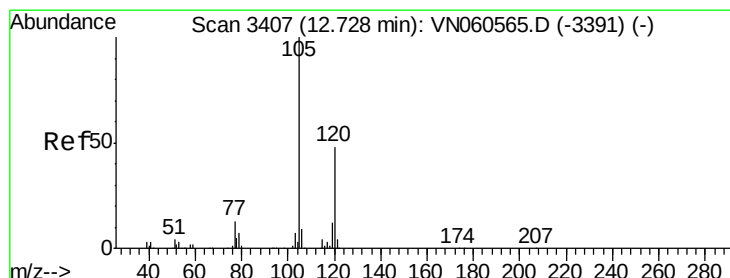
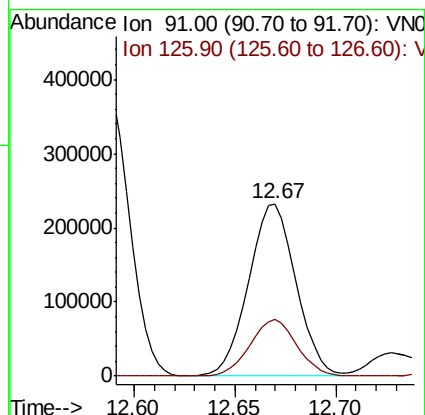
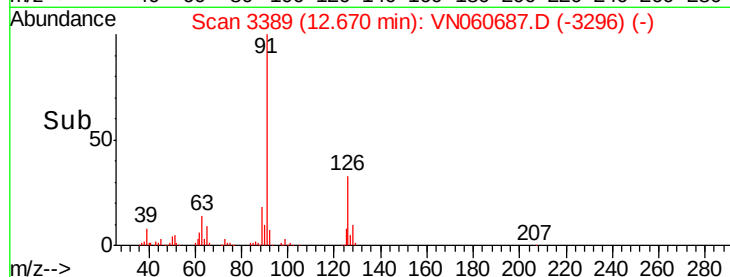
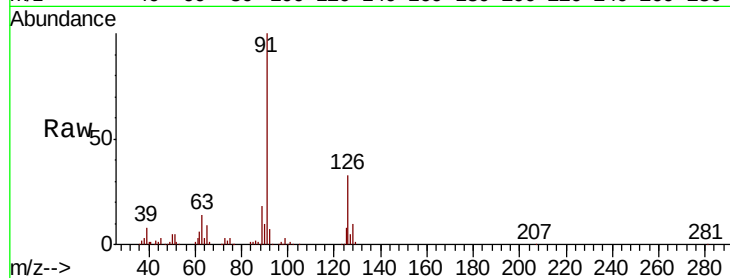
126 32.7 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 52.468 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060687.D

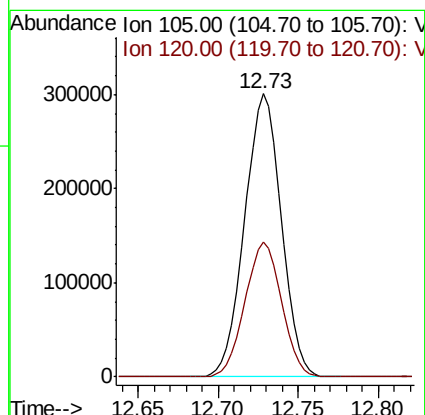
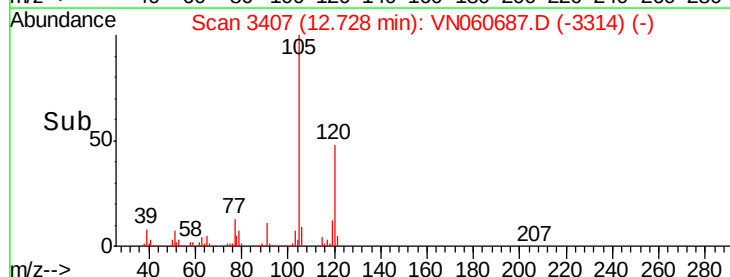
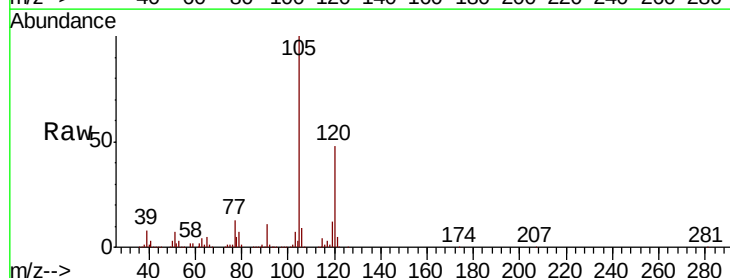
Acq: 25 Mar 2020 11:06

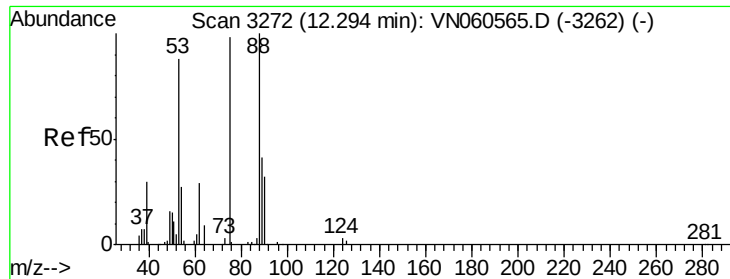
Tgt Ion: 105 Resp: 470856

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 52.469 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

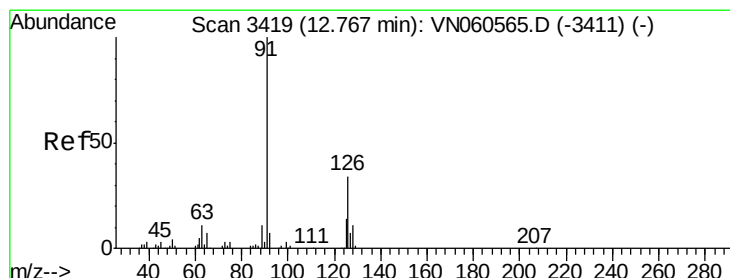
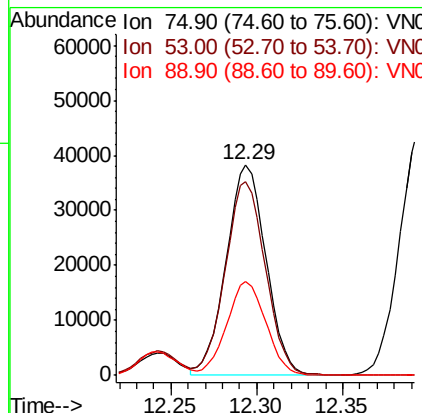
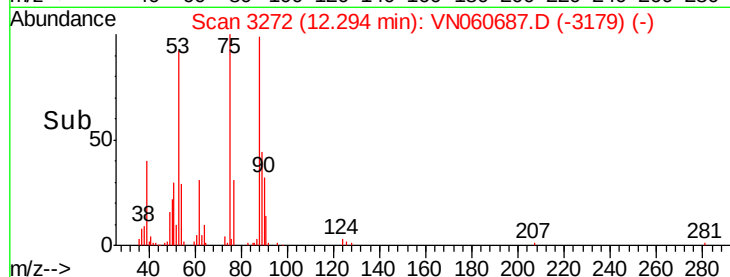
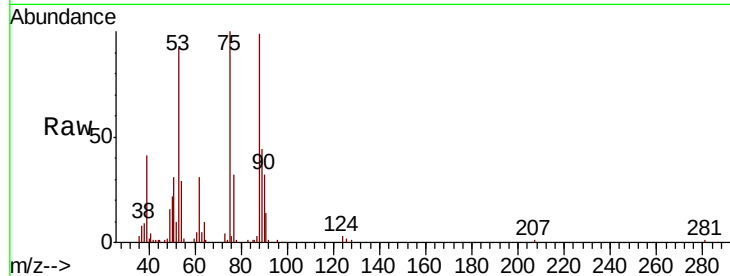
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	62119
Ion	Ratio	Lower	Upper
75	100		
53	92.8	73.0	109.4
89	43.7	34.8	52.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.118 ug/l

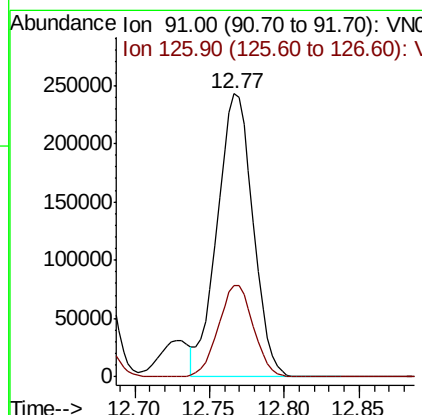
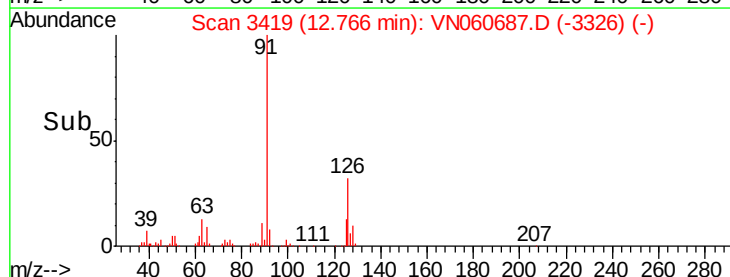
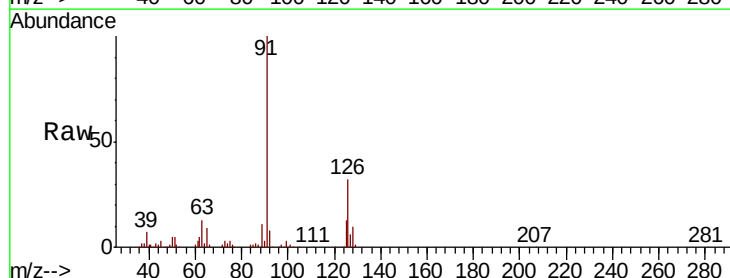
RT: 12.77 min Scan# 3419

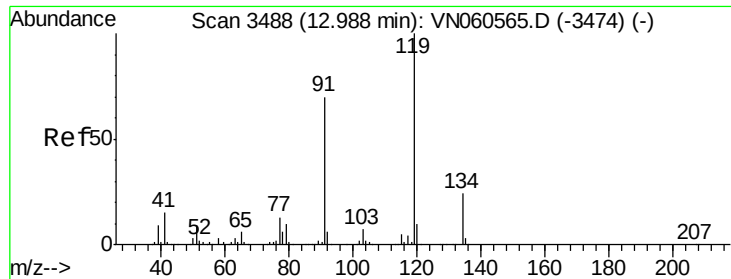
Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion:	91	Resp:	403859
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





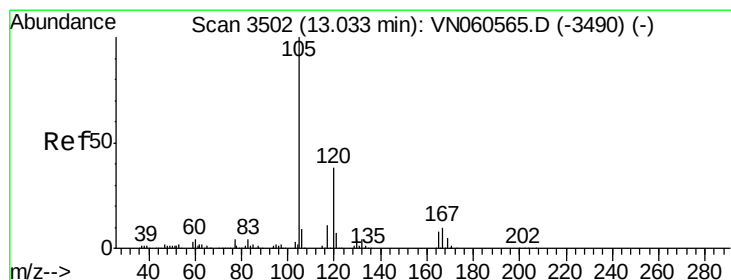
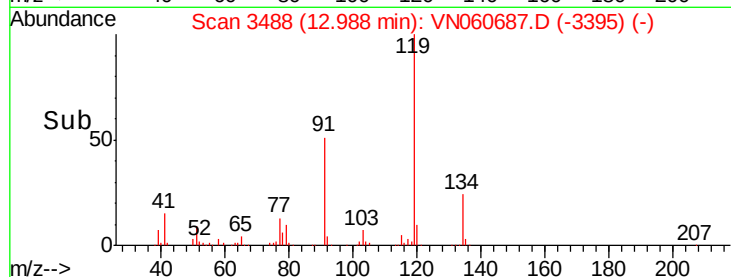
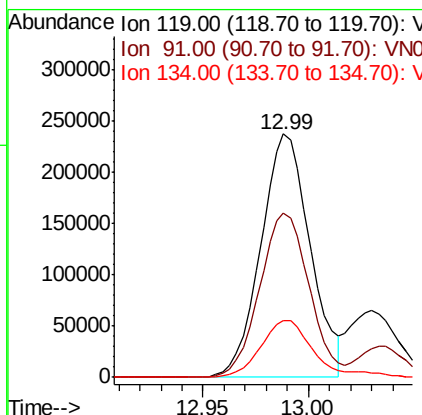
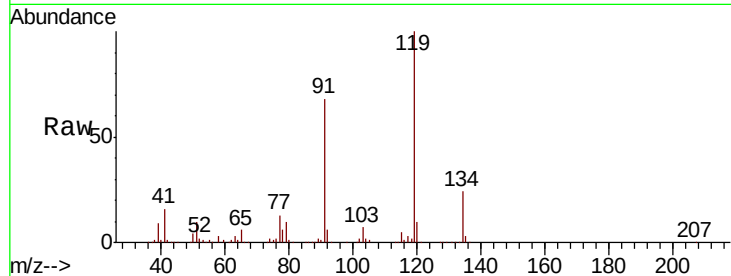
#83
 tert-Butylbenzene
 Concen: 51.927 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	386305		
91	67.6		34.0	101.8
134	25.2		12.7	38.0

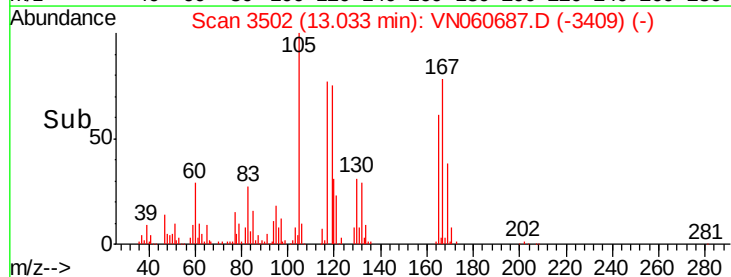
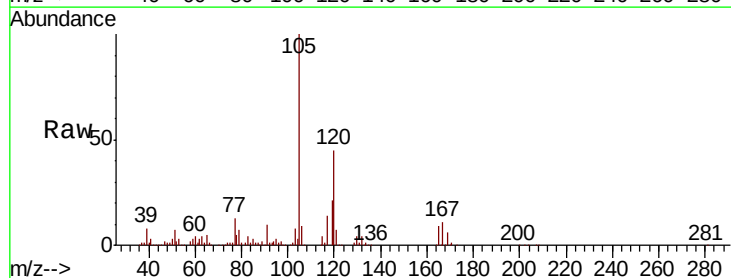
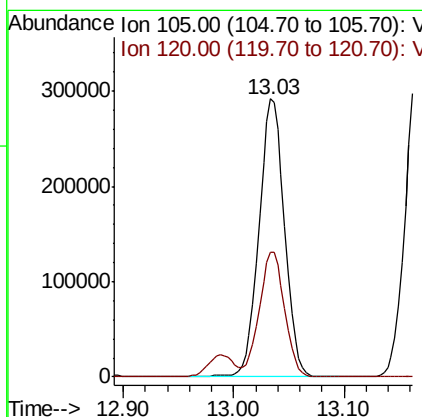
Manual Integrations
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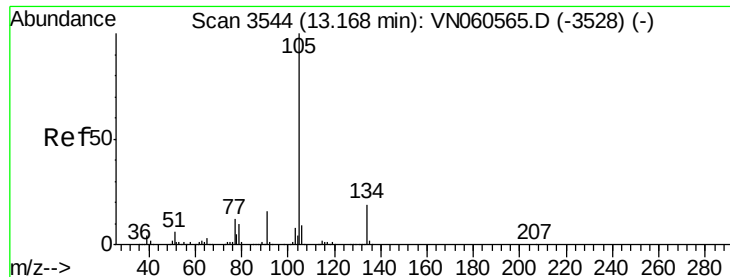
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.518 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	466274		
120	44.5		22.1	66.5





#85

sec-Butylbenzene

Concen: 52.793 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 528128

Ion Ratio Lower Upper

105 100

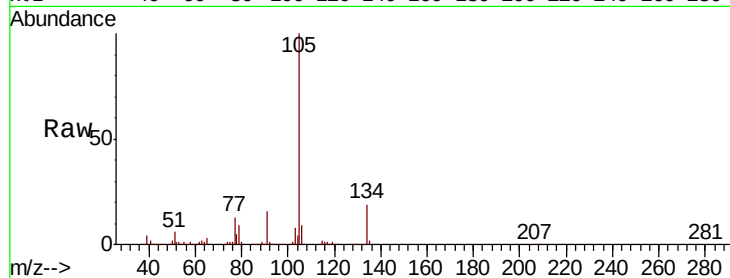
134 18.9 9.6 28.8

Manual Integrations

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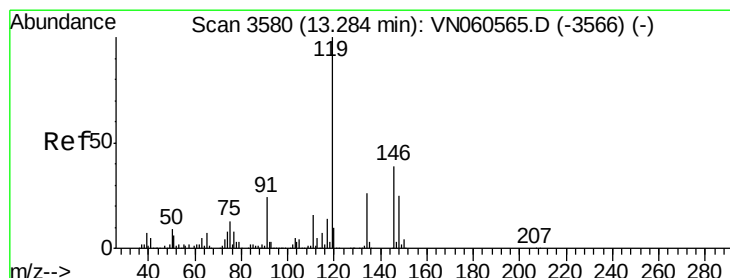
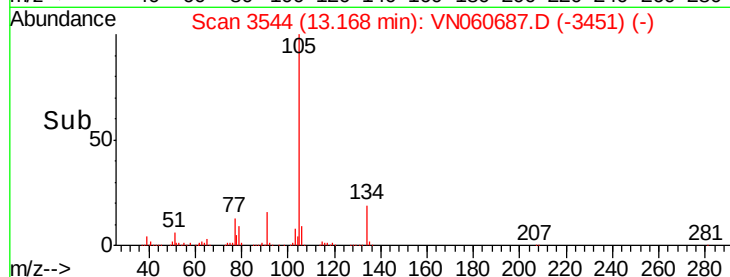
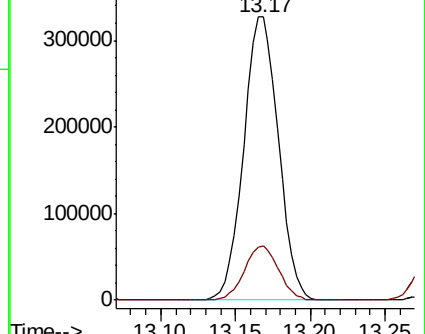
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.958 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

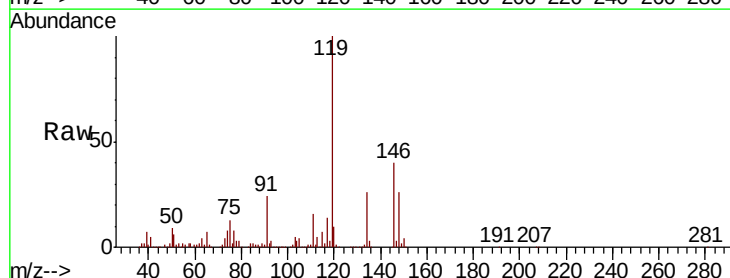
Tgt Ion:119 Resp: 476393

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

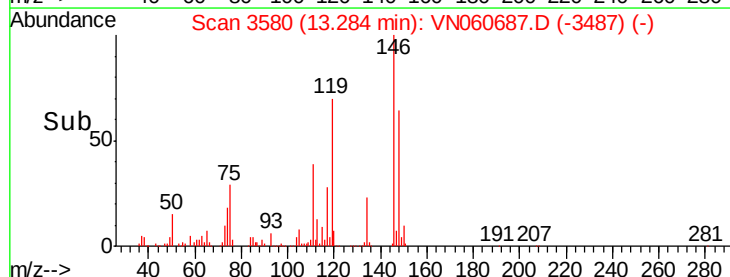
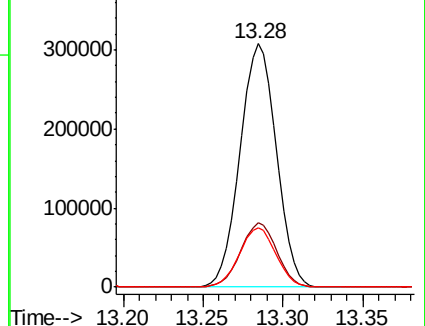
91 24.4 12.0 36.0

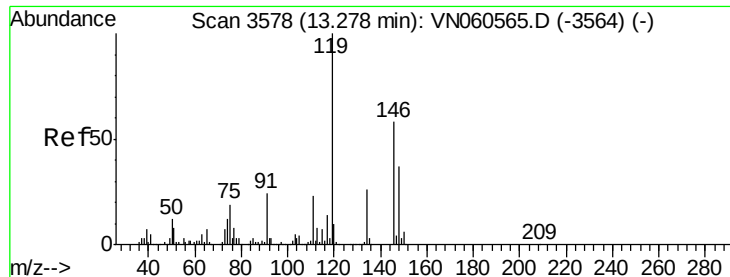


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





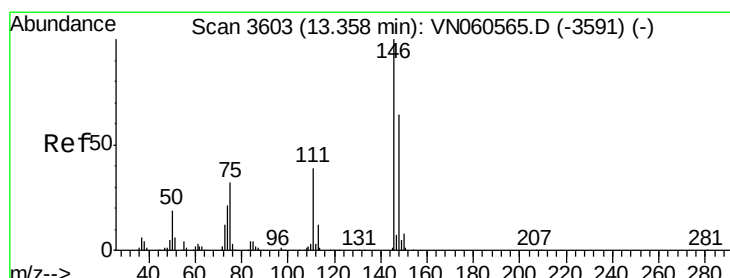
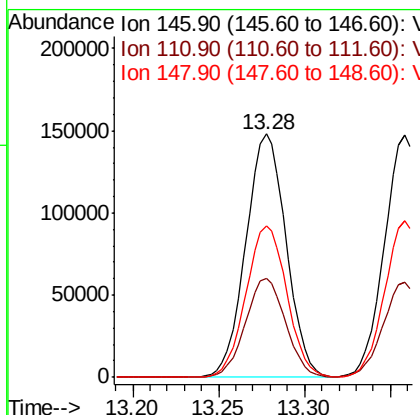
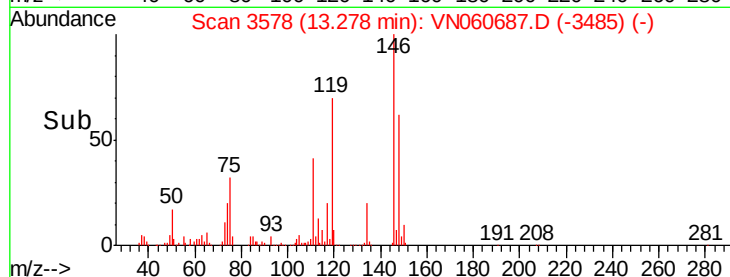
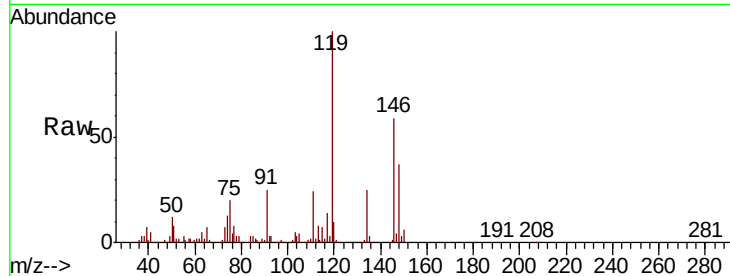
#87
 1,3-Dichlorobenzene
 Concen: 53.473 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.1	32.5	97.4

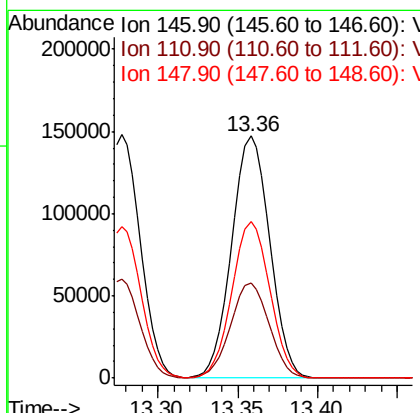
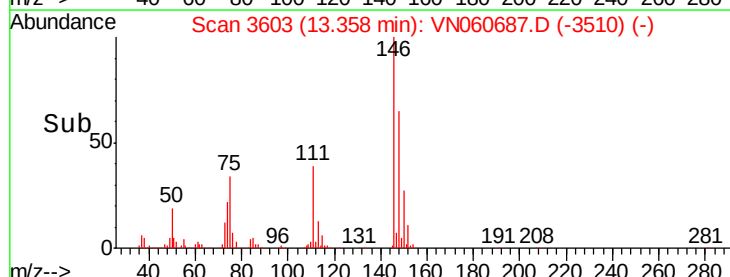
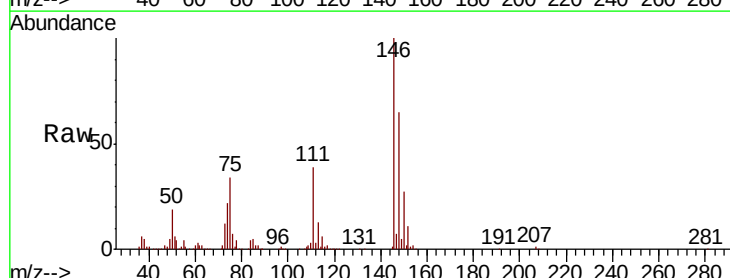
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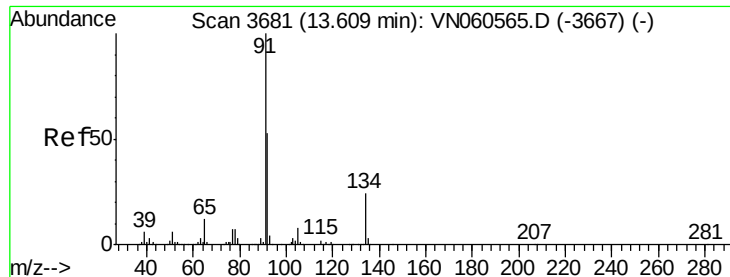
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#88
 1,4-Dichlorobenzene
 Concen: 52.902 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	64.4	32.1	96.3





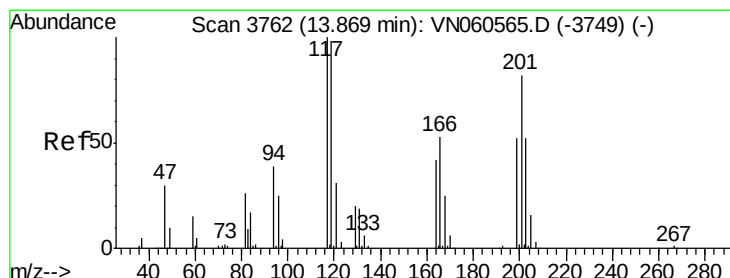
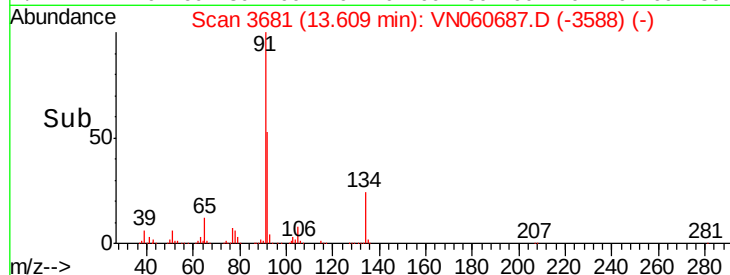
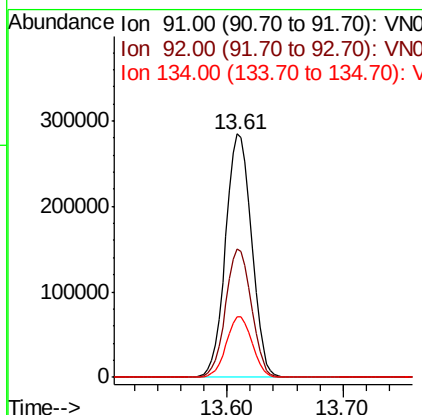
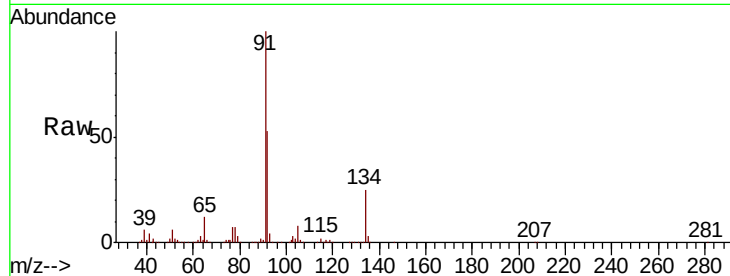
#89
n-Butylbenzene
Concen: 54.431 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	91	Resp	442079
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	24.6	12.3	36.9

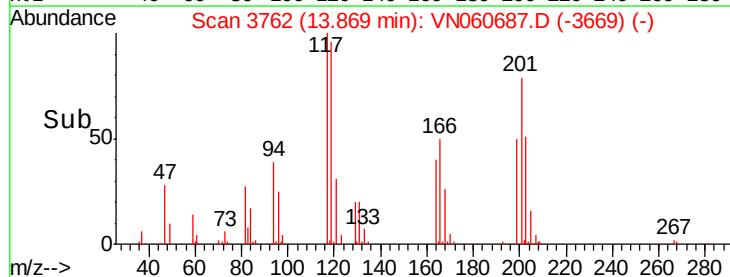
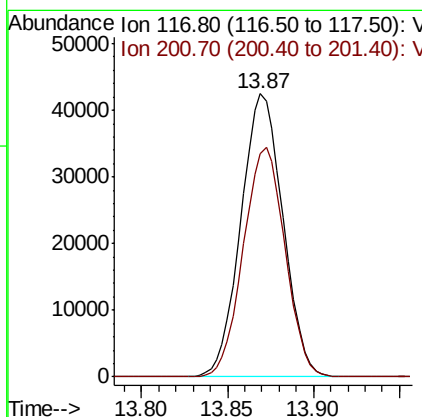
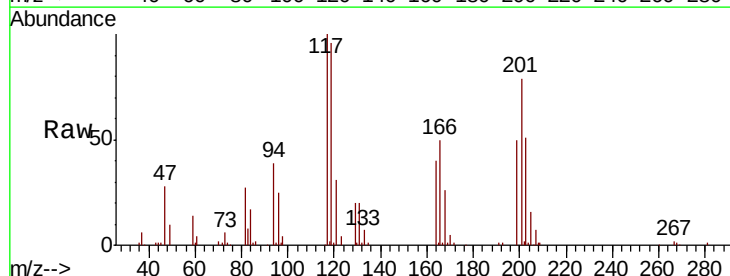
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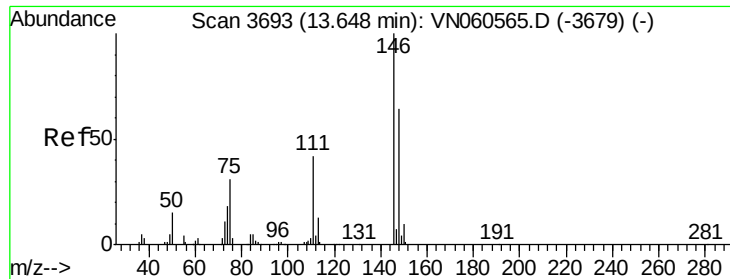
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#90
Hexachloroethane
Concen: 55.081 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	117	Resp	72023
Ion	Ratio	Lower	Upper
117	100		
201	80.3	40.8	122.5





#91

1,2-Dichlorobenzene

Concen: 53.656 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Instrument :

MSVOA_N

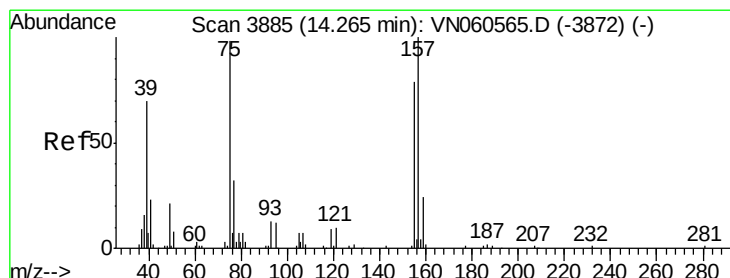
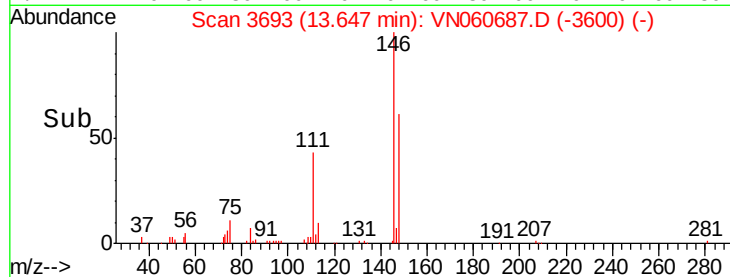
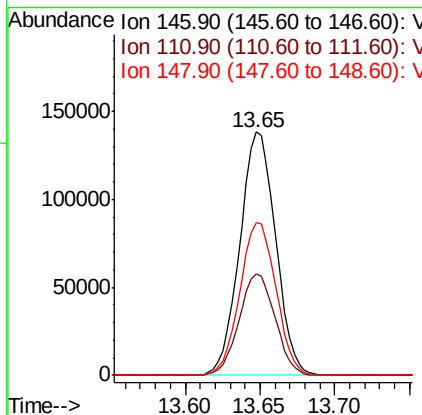
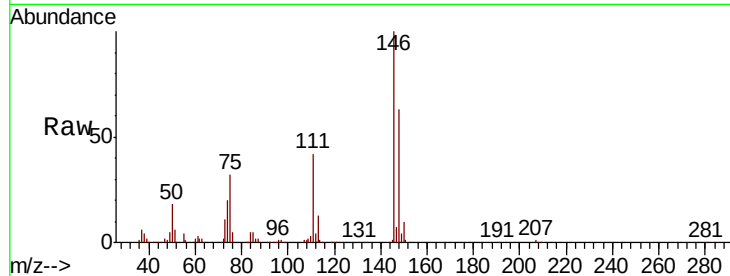
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	230582
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.0	63.0
148	63.4	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.011 ug/l

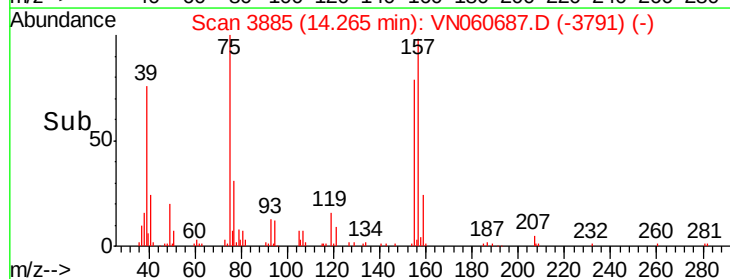
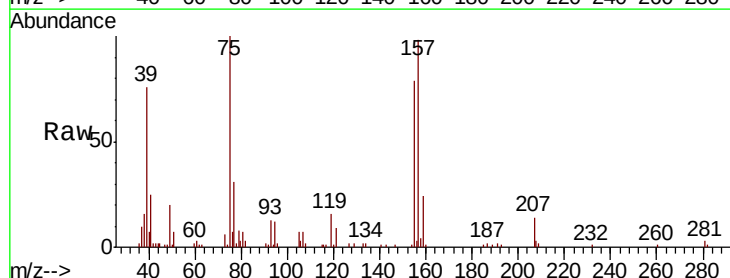
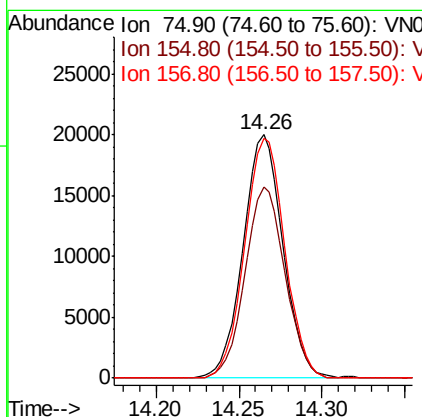
RT: 14.26 min Scan# 3885

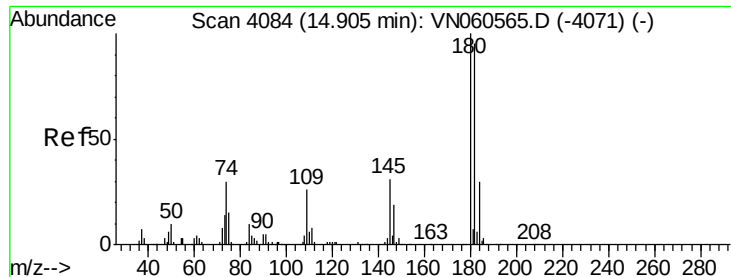
Delta R.T. 0.00 min

Lab File: VN060687.D

Acq: 25 Mar 2020 11:06

Tgt Ion:	75	Resp:	33499
Ion Ratio	Lower	Upper	
75	100		
155	78.4	40.7	122.1
157	98.8	51.5	154.7





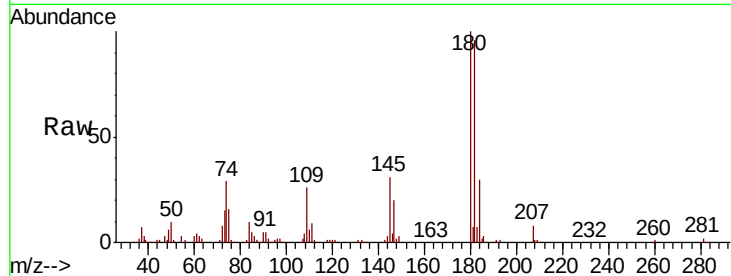
#93
 1,2,4-Trichlorobenzene
 Concen: 54.883 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.8
145	30.6	15.4	46.2

Manual Integrations
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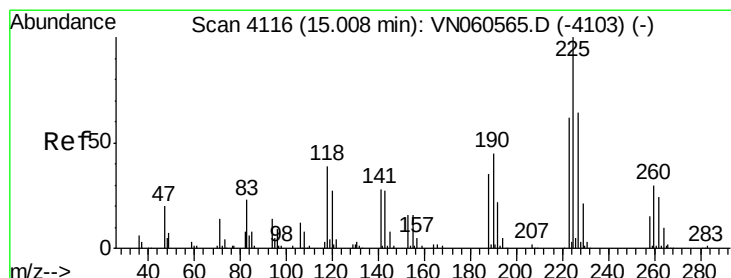
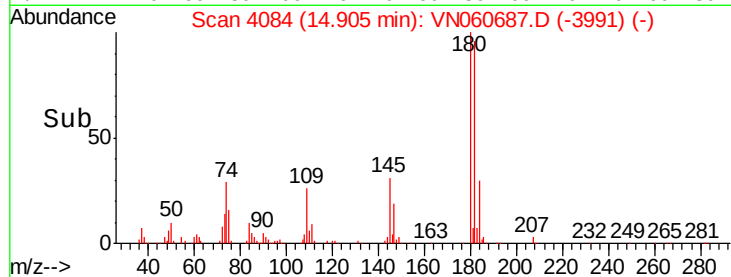
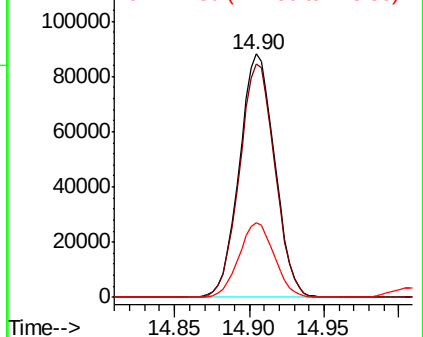


Abundance

Ion 179.80 (179.50 to 180.50): V

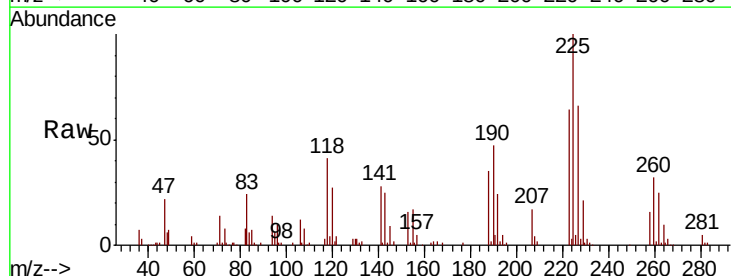
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.697 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060687.D
 Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	95.0
227	64.5	32.3	96.8

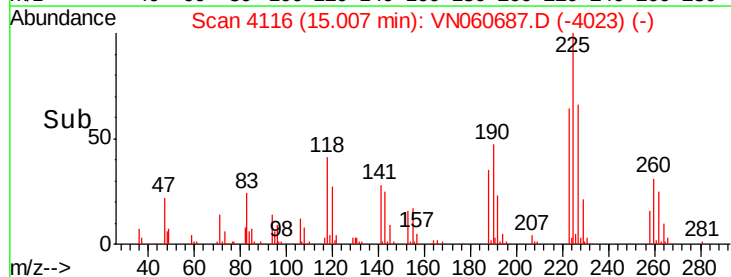
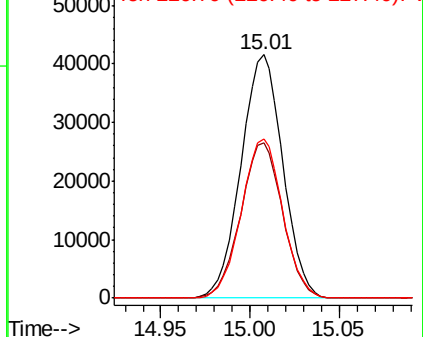


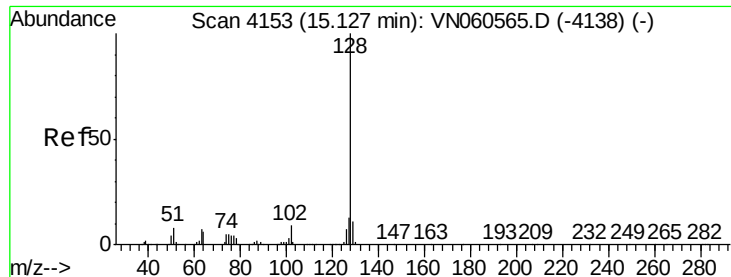
Abundance

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





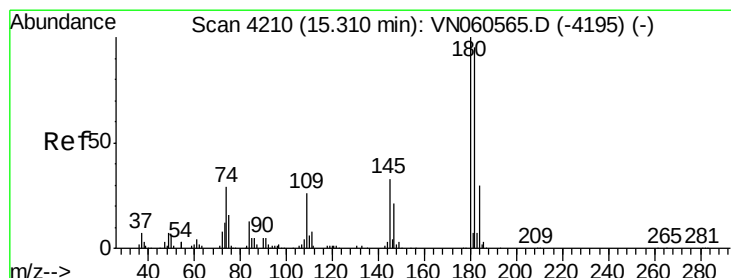
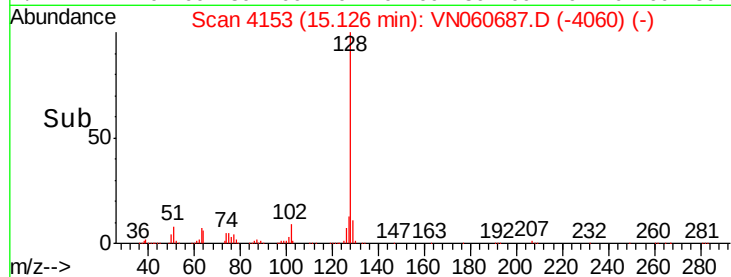
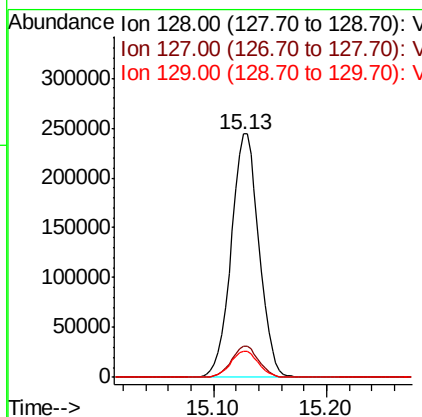
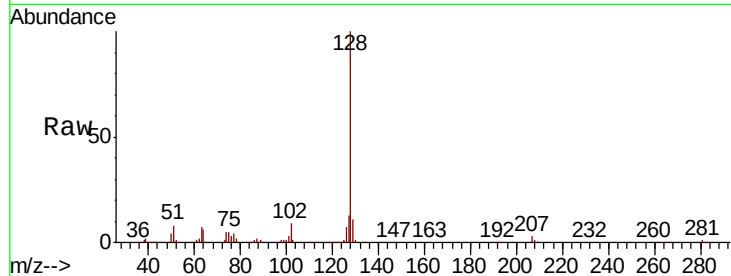
#95
Naphthalene
Concen: 52.441 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	416255		
127	12.8	10.2	15.2	
129	10.8	8.8	13.2	

Manual Integrations
APPROVED

apatel
3/26/2020 11:00:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.844 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060687.D
Acq: 25 Mar 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137361		
182	93.5	47.5	142.6	
145	31.9	16.3	48.8	

