

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059448.D
 Acq On : 29 Nov 2019 15:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:38:58 AM

Quant Time: Nov 29 23:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	378362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	524587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	222800	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.57	113	180791	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.08	98	724504	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	256792	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	218341	49.029	ug/l	99
3) Chloromethane	2.04	50	254454	46.778	ug/l	99
4) Vinyl Chloride	2.17	62	245200	46.908	ug/l	99
5) Bromomethane	2.55	94	140499	44.642	ug/l	97
6) Chloroethane	2.68	64	137998	47.085	ug/l	98
7) Trichlorofluoromethane	3.00	101	301510	48.426	ug/l	97
8) Diethyl Ether	3.39	74	119103	47.003	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185457	48.363	ug/l	99
10) Methyl Iodide	3.93	142	243851	48.856	ug/l	99
11) Tert butyl alcohol	4.76	59	182350	237.497	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	180256	47.999	ug/l	95
13) Acrolein	3.58	56	181743	242.485	ug/l	99
14) Allyl chloride	4.30	41	330059	47.389	ug/l	98
15) Acrylonitrile	4.96	53	532408	248.849	ug/l	100
16) Acetone	3.79	43	523519	247.942	ug/l	99
17) Carbon Disulfide	4.03	76	578050	44.855	ug/l	100
18) Methyl Acetate	4.30	43	267656	46.549	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	593929	49.079	ug/l	99
20) Methylene Chloride	4.52	84	200853	46.815	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	195146	47.695	ug/l	97
22) Diisopropyl ether	5.93	45	642111	49.610	ug/l	98
23) Vinyl Acetate	5.87	43	2627419	251.622	ug/l	99
24) 1,1-Dichloroethane	5.82	63	363513	48.814	ug/l	99
25) 2-Butanone	6.81	43	724110	249.288	ug/l	99
26) 2,2-Dichloropropane	6.80	77	307022	48.445	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	218417	48.810	ug/l	99
28) Bromochloromethane	7.17	49	153700	48.283	ug/l	100
29) Tetrahydrofuran	7.19	42	479035	247.965	ug/l	99
30) Chloroform	7.35	83	346595	46.251	ug/l	99
31) Cyclohexane	7.63	56	344346	46.126	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	301183	49.147	ug/l	100
36) 1,1-Dichloropropene	7.77	75	272025	48.805	ug/l	99
37) Ethyl Acetate	6.90	43	286727	48.622	ug/l	99
38) Carbon Tetrachloride	7.75	117	264874	50.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	336778	50.506	ug/l	100
40) Benzene	8.02	78	812448	49.093	ug/l	99
41) Methacrylonitrile	7.16	41	140417m	51.137	ug/l	
42) 1,2-Dichloroethane	8.11	62	264658	50.434	ug/l	100
43) Isopropyl Acetate	8.15	43	452372	50.496	ug/l	100
44) Trichloroethene	8.82	130	210550	49.897	ug/l	99
45) 1,2-Dichloropropane	9.10	63	216070	49.915	ug/l	100
46) Dibromomethane	9.20	93	132647	49.656	ug/l	99
47) Bromodichloromethane	9.39	83	267124	49.441	ug/l	98
48) Methyl methacrylate	9.19	41	198761	50.009	ug/l	99
49) 1,4-Dioxane	9.19	88	59727	1028.928	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1387289	266.976	ug/l	100
52) Toluene	10.15	92	491480	49.710	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	312363	50.314	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	342125	51.050	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	192207	49.668	ug/l	99
56) Ethyl methacrylate	10.42	69	298752	54.401	ug/l	99
57) 1,3-Dichloropropane	10.70	76	331432	49.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	550824	332.202	ug/l	100
59) 2-Hexanone	10.74	43	1018957	264.447	ug/l	99
60) Dibromochloromethane	10.90	129	208126	51.523	ug/l	100
61) 1,2-Dibromoethane	11.00	107	199700	50.359	ug/l	100
64) Tetrachloroethene	10.63	164	201490	51.929	ug/l	98
65) Chlorobenzene	11.43	112	512011	48.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	190098	49.360	ug/l	100
67) Ethyl Benzene	11.51	91	930566	49.886	ug/l	99
68) m/p-Xylenes	11.62	106	695898	99.920	ug/l	99
69) o-Xylene	11.95	106	329939	49.397	ug/l	99
70) Styrene	11.96	104	536497	53.193	ug/l	100
71) Bromoform	12.13	173	151190	51.557	ug/l #	99
73) Isopropylbenzene	12.25	105	890481	48.736	ug/l	100
74) N-amyl acetate	12.07	43	352874	54.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	281659	47.270	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	274551m	49.205	ug/l	
77) Bromobenzene	12.53	156	215359	48.142	ug/l	100
78) n-propylbenzene	12.59	91	1035097	49.160	ug/l	100
79) 2-Chlorotoluene	12.67	91	607168	48.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	748960	48.764	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	106425	49.009	ug/l	99
82) 4-Chlorotoluene	12.77	91	626832	48.397	ug/l	99
83) tert-Butylbenzene	12.99	119	633785	48.057	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	736392	48.944	ug/l	99
85) sec-Butylbenzene	13.17	105	861141	49.170	ug/l	100
86) p-Isopropyltoluene	13.29	119	776039	49.015	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	377830	47.659	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	372229	46.768	ug/l	100
89) n-Butylbenzene	13.62	91	664352	48.001	ug/l	99
90) Hexachloroethane	13.88	117	143290	47.350	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	363105	46.743	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54934	53.388	ug/l	99

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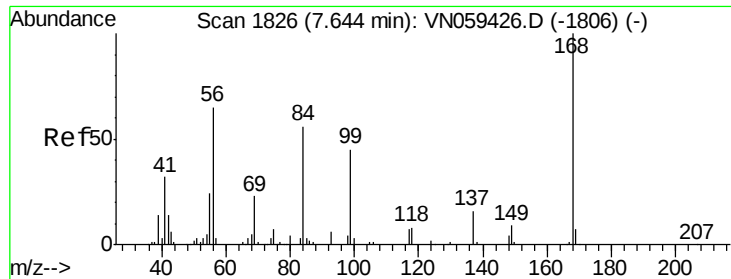
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	215925	44.716	ug/l	100
94) Hexachlorobutadiene	15.01	225	131989	44.602	ug/l	100
95) Naphthalene	15.13	128	544911	50.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	212687	51.701	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 378362

Ion Ratio Lower Upper

168 100

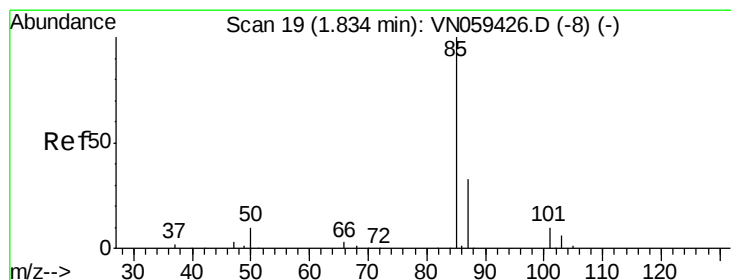
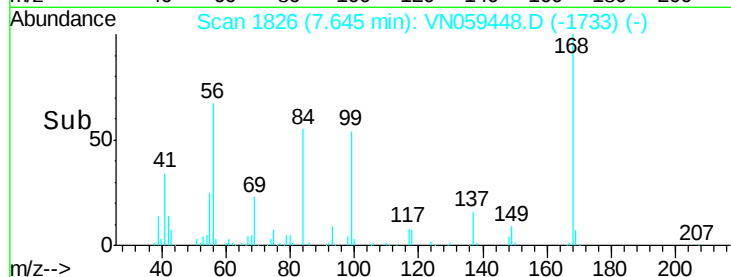
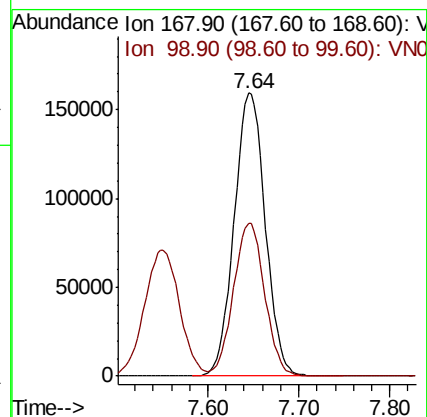
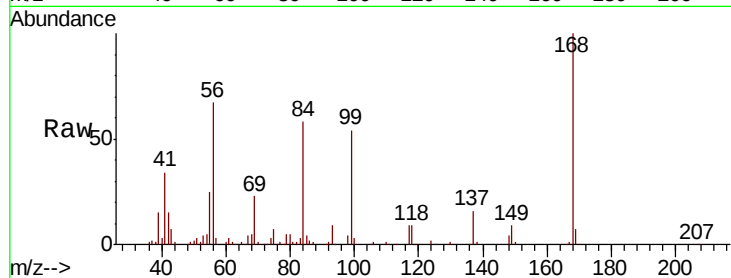
99 54.0 43.0 64.4

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#2

Dichlorodifluoromethane

Concen: 49.029 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059448.D

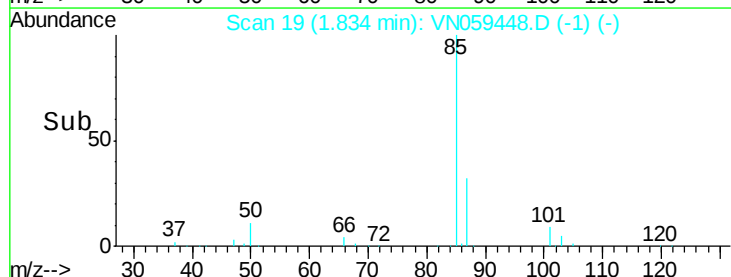
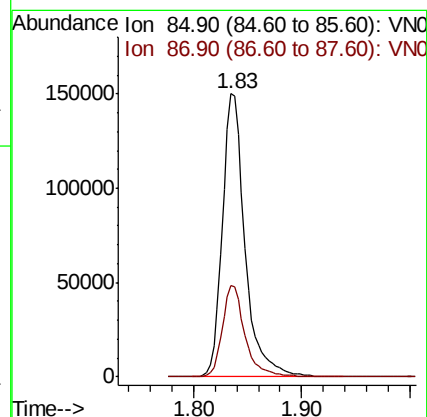
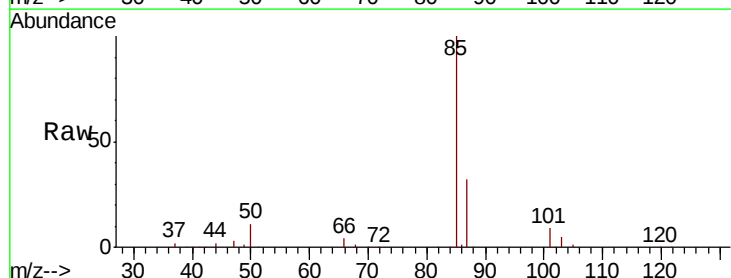
Acq: 29 Nov 2019 15:07

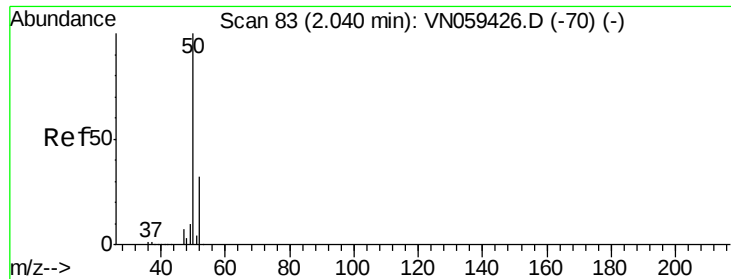
Tgt Ion: 85 Resp: 218341

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2





#3

Chloromethane

Concen: 46.778 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 254454

Ion Ratio Lower Upper

50 100

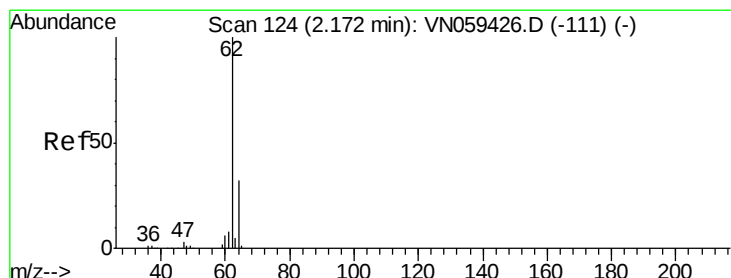
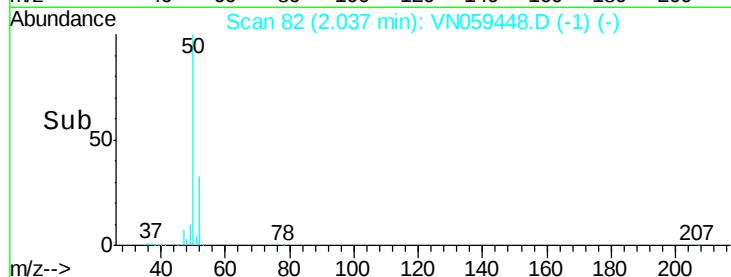
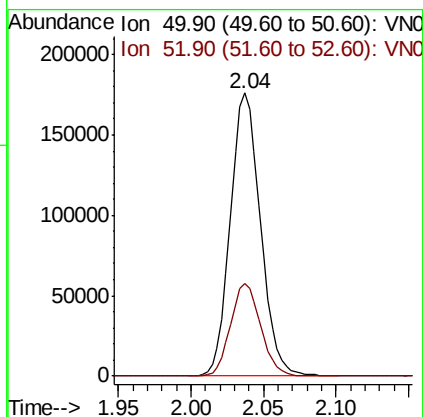
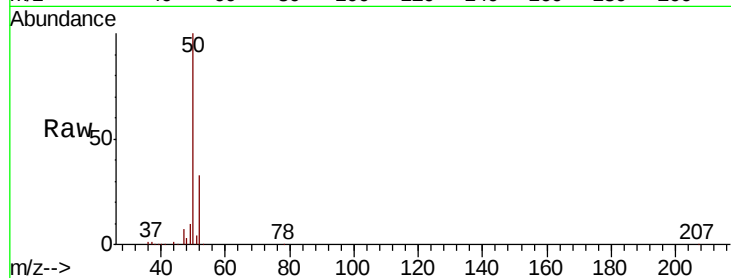
52 32.9 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.908 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059448.D

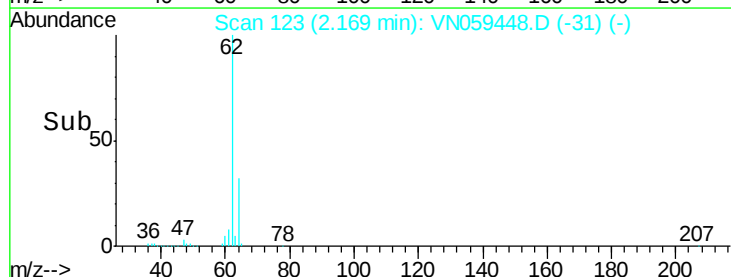
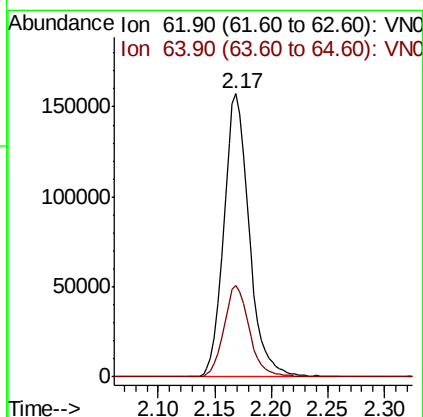
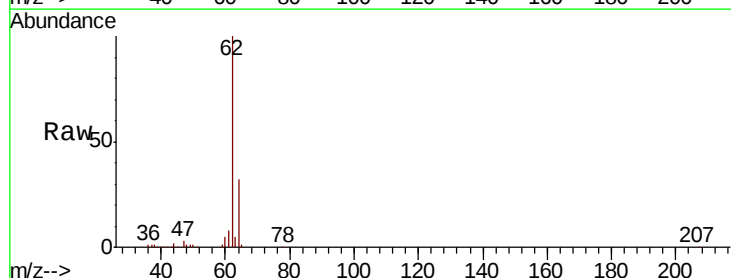
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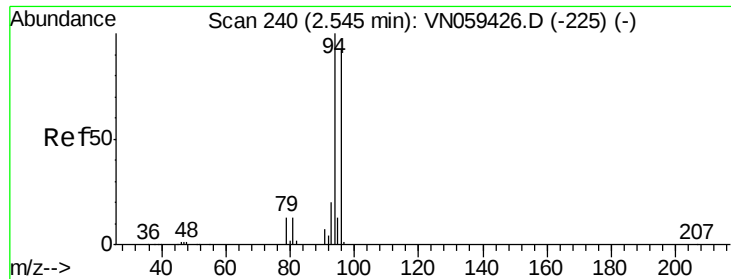
Tgt Ion: 62 Resp: 245200

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 44.642 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 140499

Ion Ratio Lower Upper

94 100

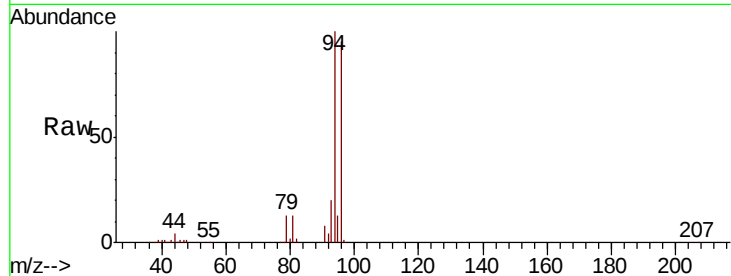
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Manual Integrations

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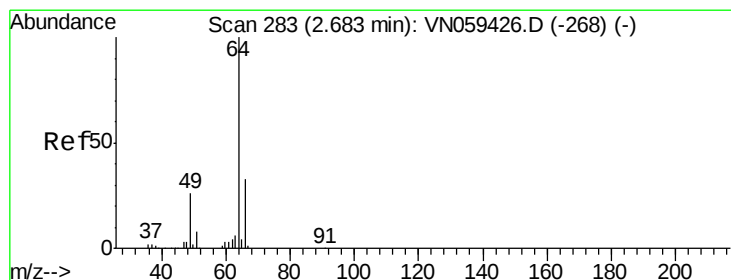
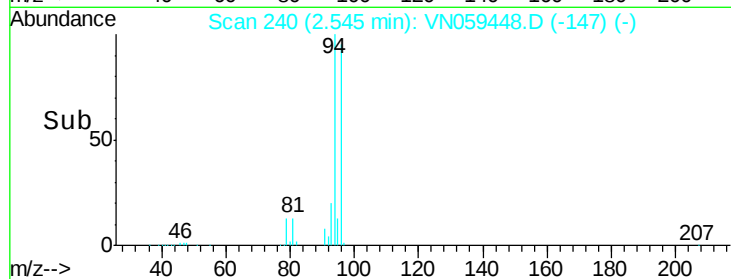
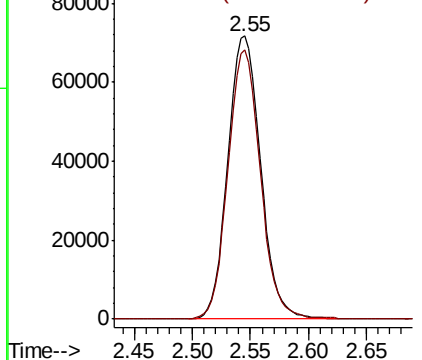
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 47.085 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059448.D

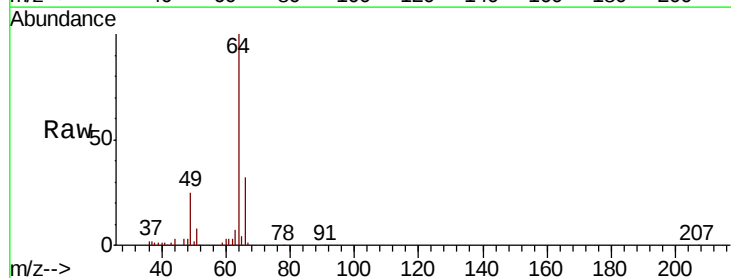
Acq: 29 Nov 2019 15:07

Tgt Ion: 64 Resp: 137998

Ion Ratio Lower Upper

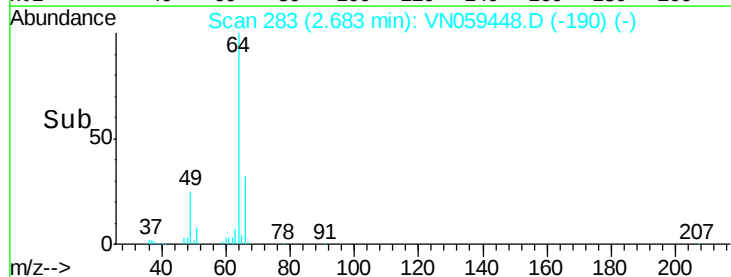
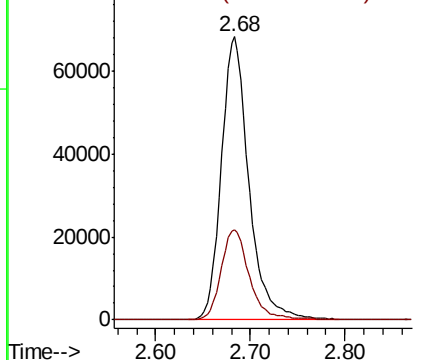
64 100

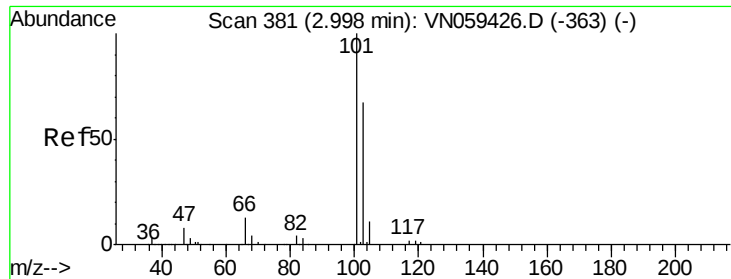
66 32.0 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

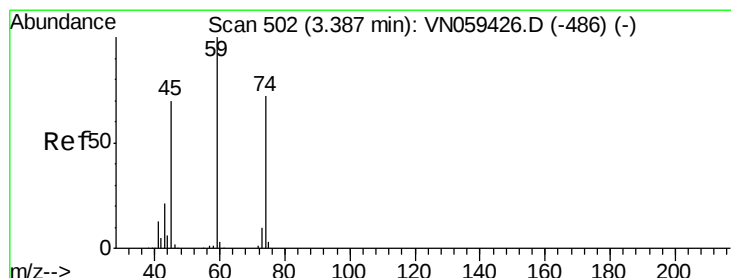
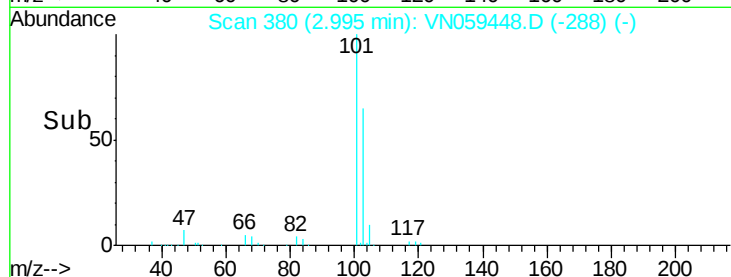
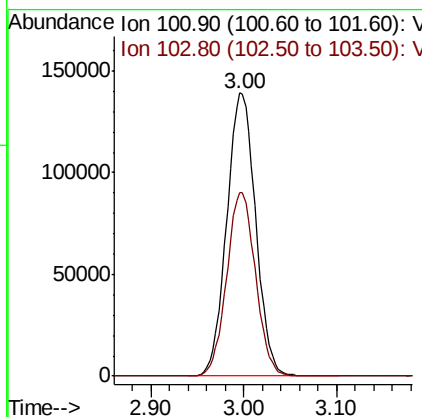
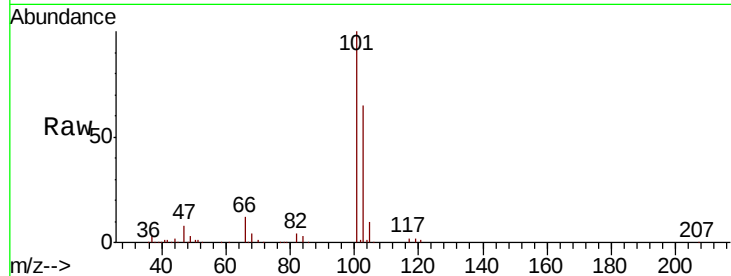
Trichlorofluoromethane
 Concen: 48.426 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.6	80.4

Manual Integrations
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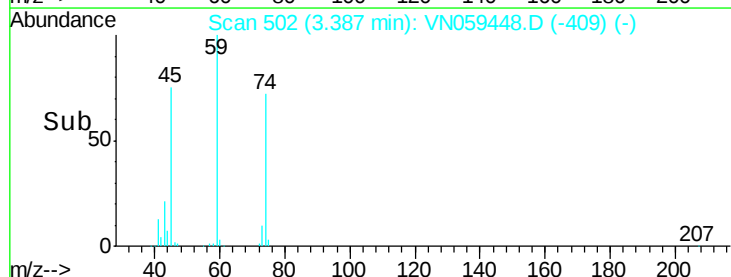
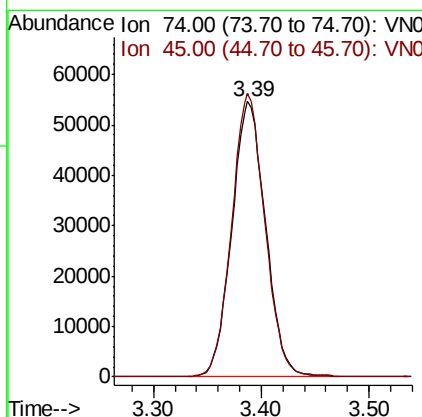
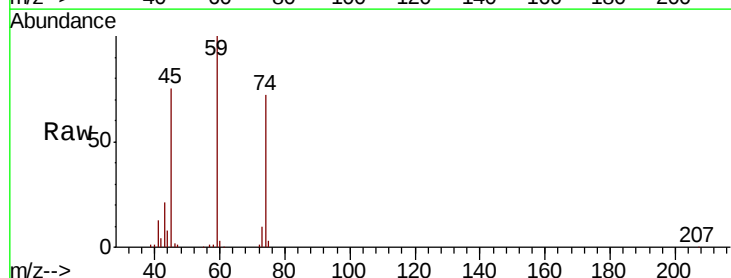
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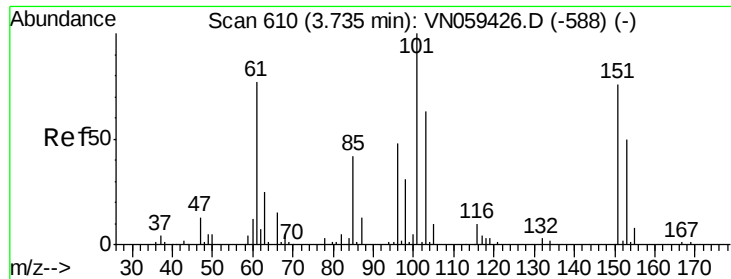


#8

Diethyl Ether
 Concen: 47.003 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.363 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

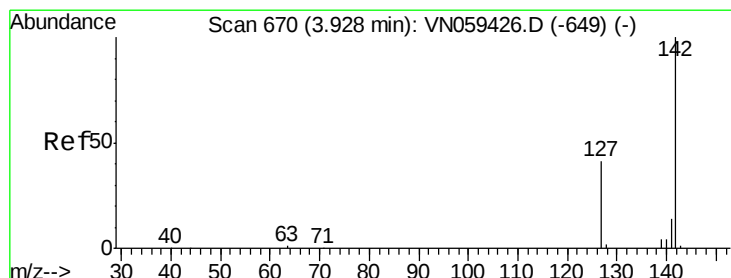
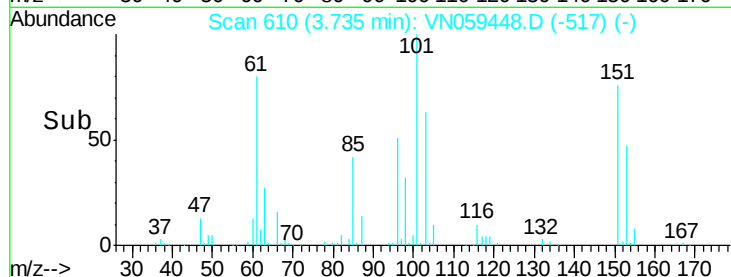
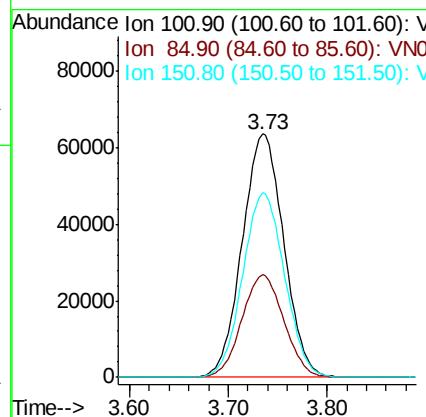
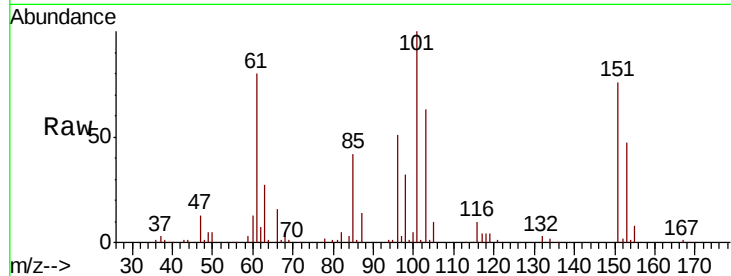
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	185457
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.2
151	76.6	62.6	93.8

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#10

Methyl Iodide

Concen: 48.856 ug/l

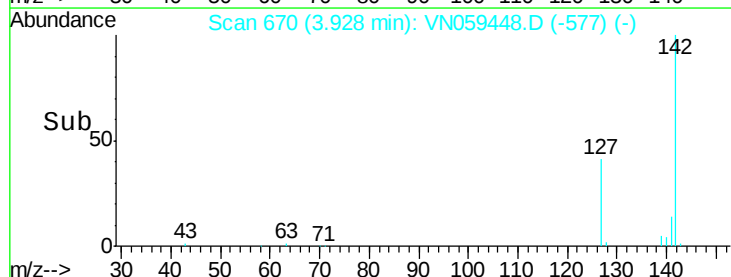
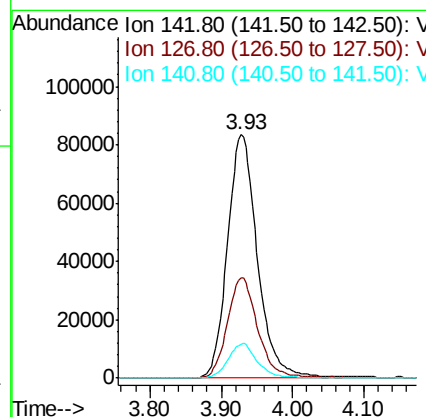
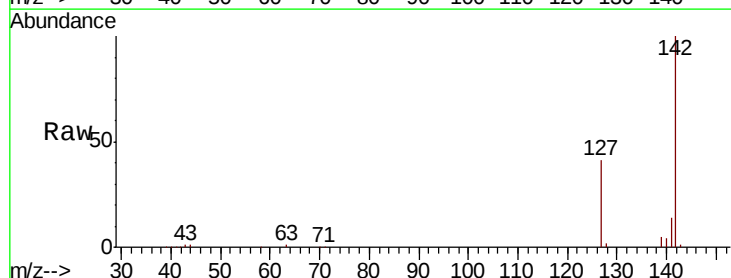
RT: 3.93 min Scan# 670

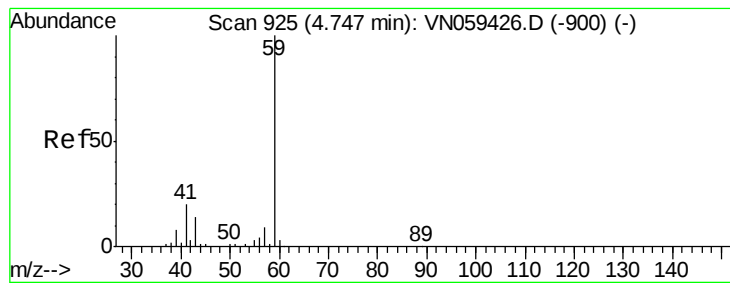
Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion:	142	Resp:	243851
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.6	48.8
141	13.9	11.1	16.7





#11

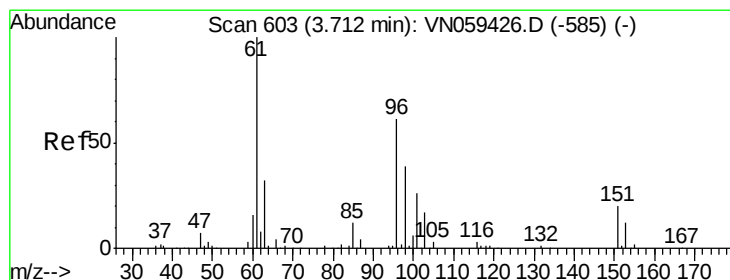
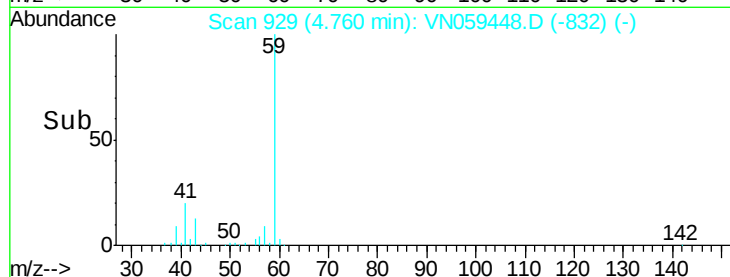
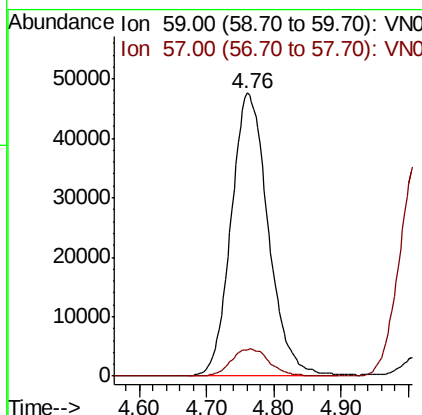
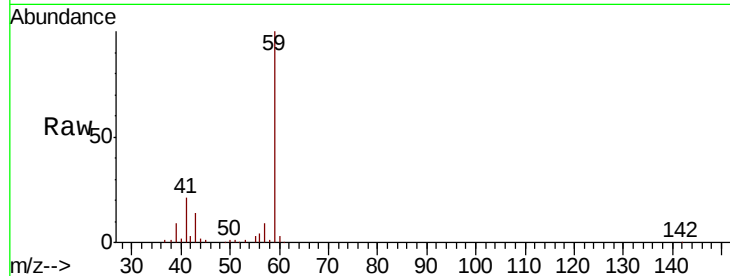
Tert butyl alcohol
 Concen: 237.497 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	3.8	5.8#

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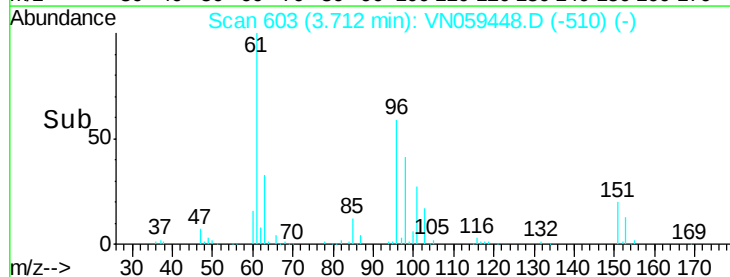
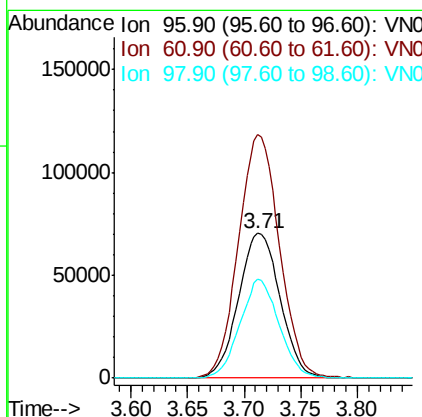
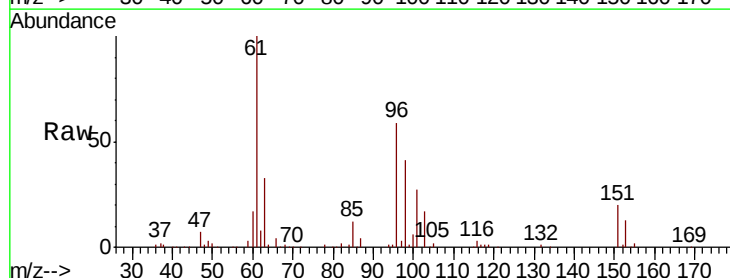
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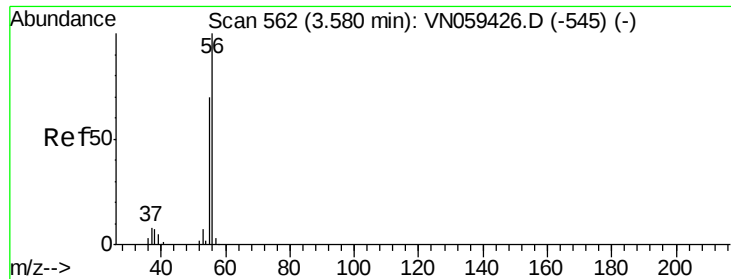


#12

1,1-Dichloroethene
 Concen: 47.999 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	130.5	195.7
98	68.7	51.3	76.9





#13

Acrolein

Concen: 242.485 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 181743

Ion Ratio Lower Upper

56 100

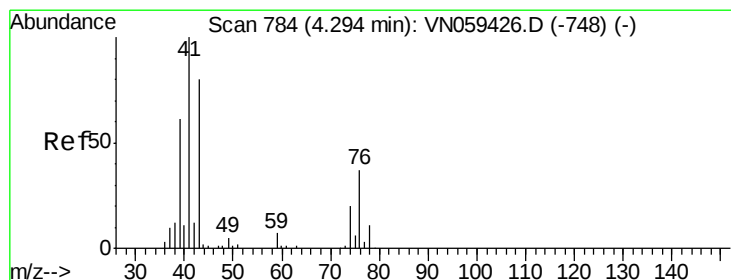
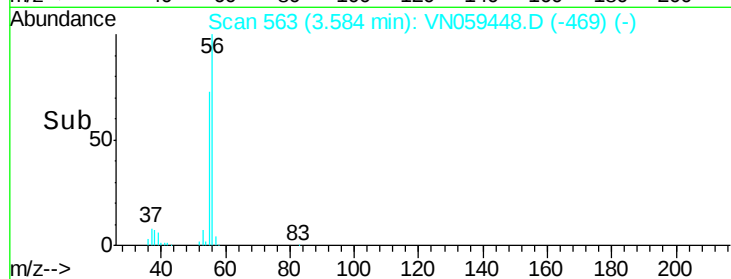
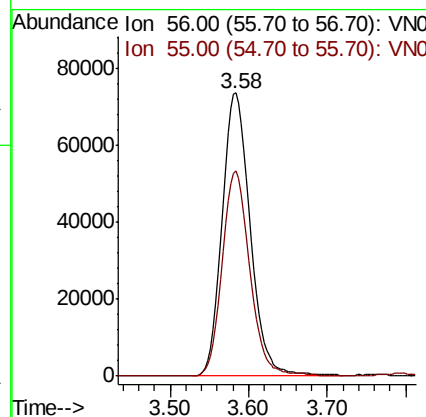
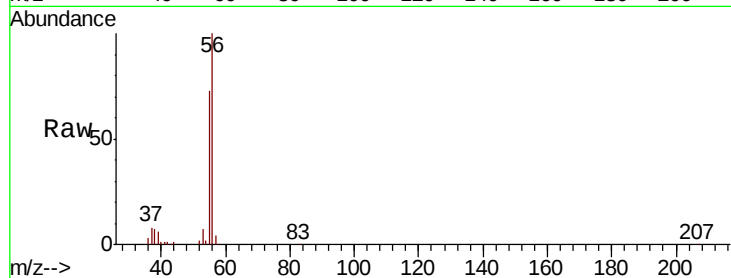
55 71.3 57.8 86.6

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#14

Allyl chloride

Concen: 47.389 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

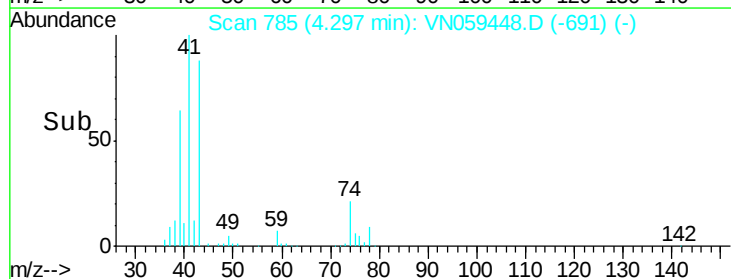
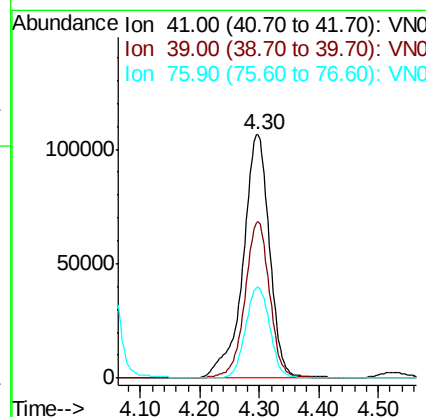
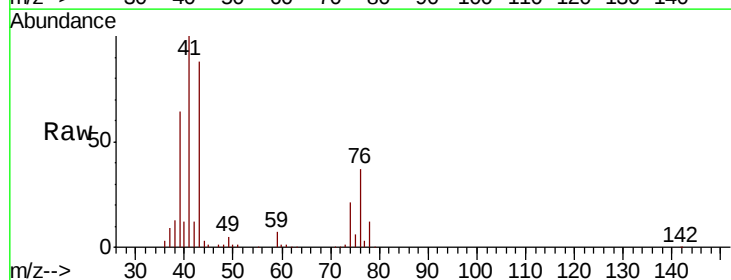
Tgt Ion: 41 Resp: 330059

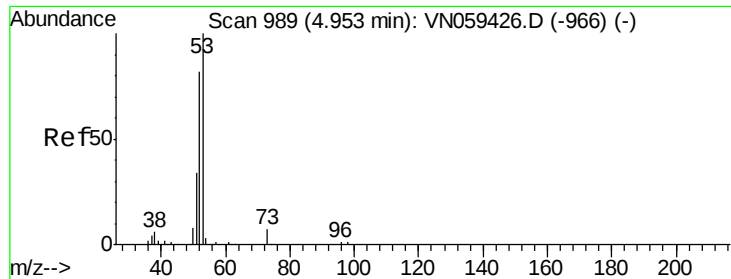
Ion Ratio Lower Upper

41 100

39 59.9 46.5 69.7

76 34.3 26.8 40.2





#15

Acrylonitrile

Concen: 248.849 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

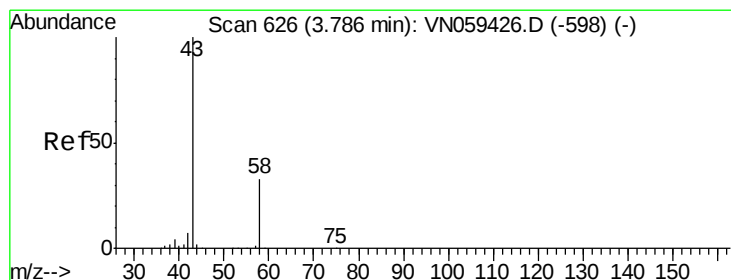
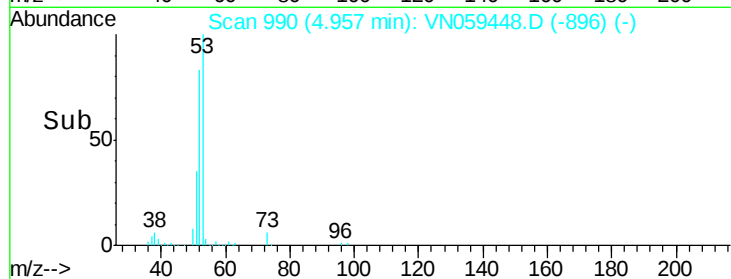
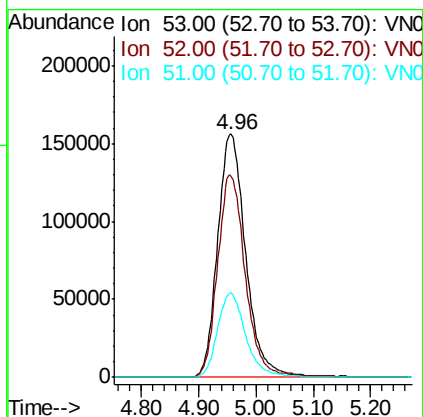
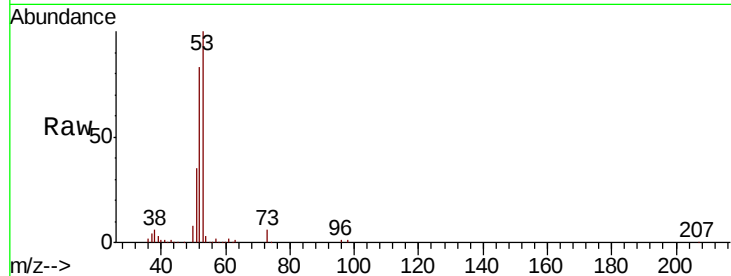
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	532408
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.1	97.7
51	34.8	27.8	41.8

Manual Integrations
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#16

Acetone

Concen: 247.942 ug/l

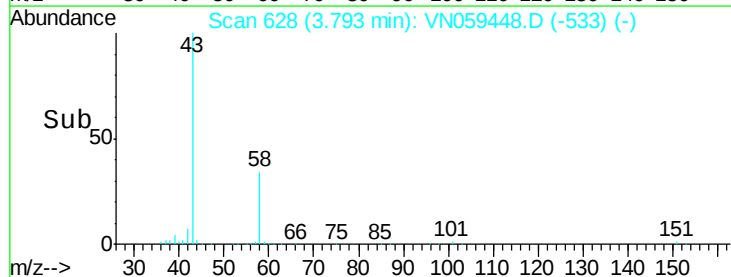
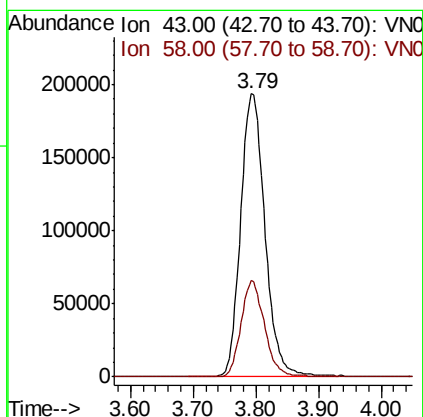
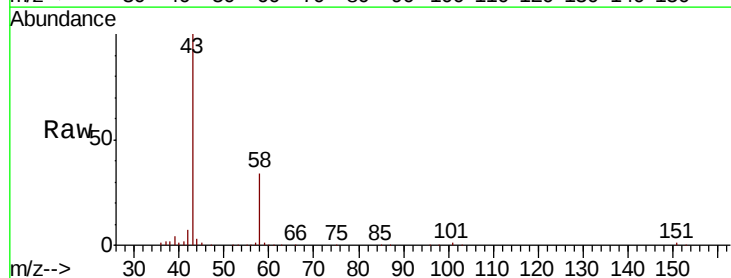
RT: 3.79 min Scan# 628

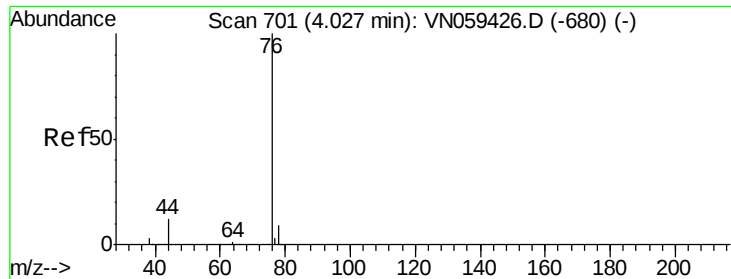
Delta R.T. 0.01 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion:	43	Resp:	523519
Ion Ratio	Lower	Upper	
43	100		
58	34.0	26.6	39.8





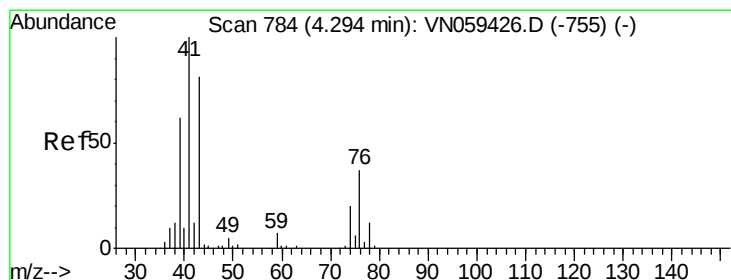
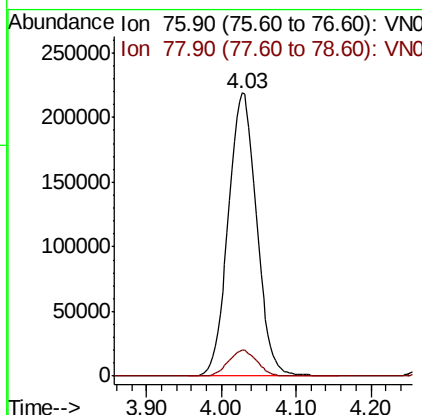
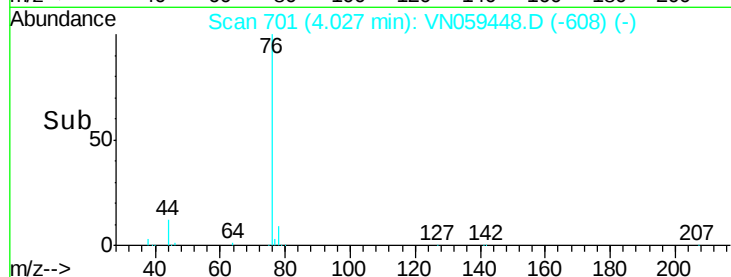
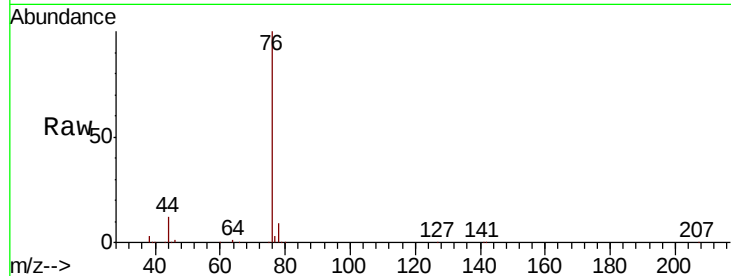
#17
Carbon Disulfide
Concen: 44.855 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

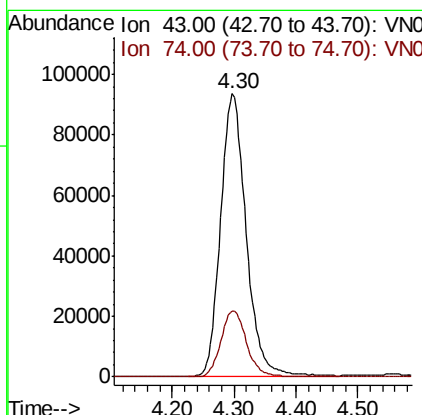
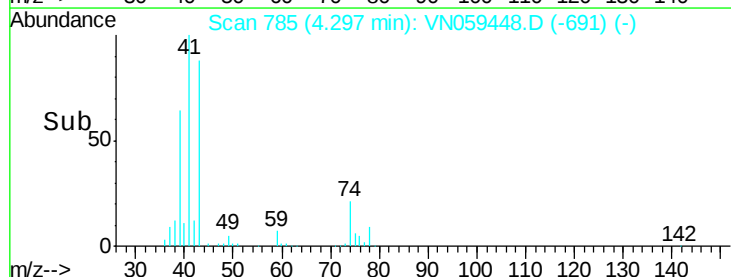
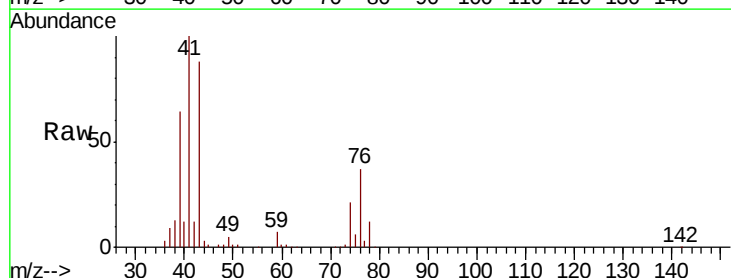
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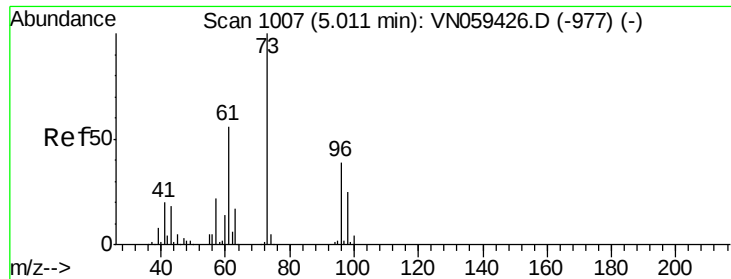
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#18
Methyl Acetate
Concen: 46.549 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	28.0





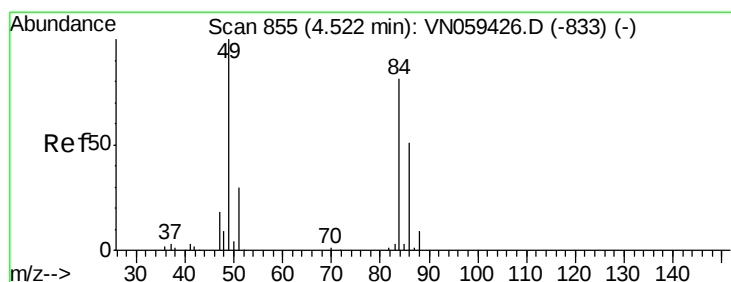
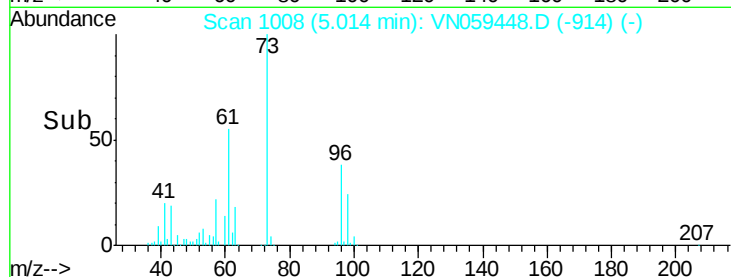
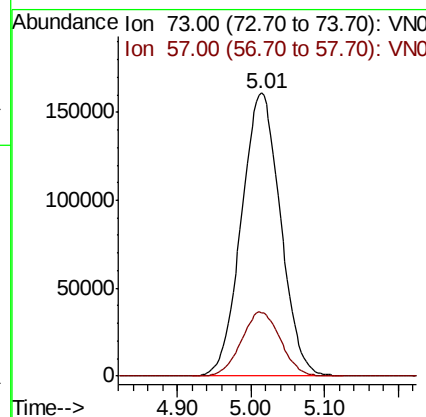
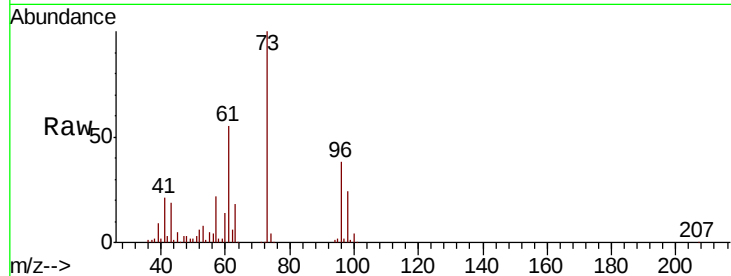
#19
Methvl tert-butvl Ether
Concen: 49.079 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 593929
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

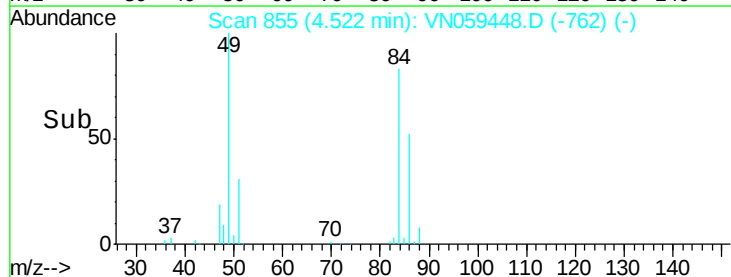
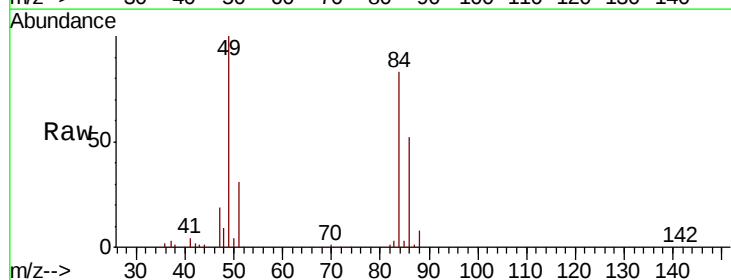
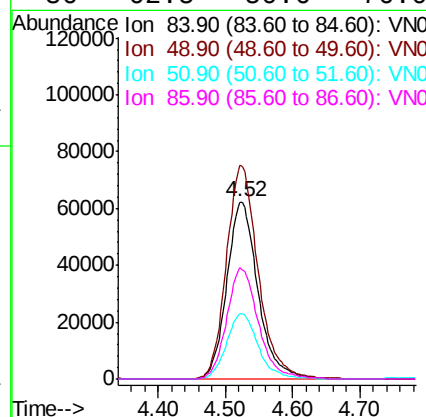
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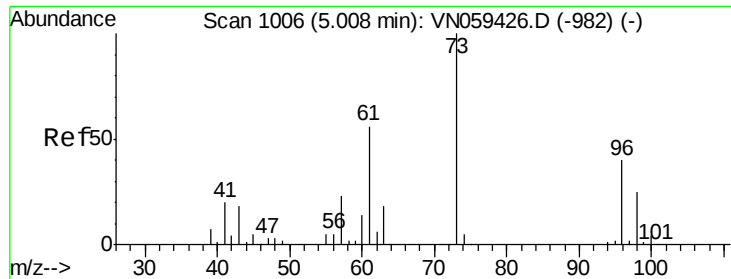
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#20
Methylene Chloride
Concen: 46.815 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion: 84 Resp: 200853
Ion Ratio Lower Upper
84 100
49 120.5 98.6 148.0
51 36.9 29.4 44.0
86 62.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 47.695 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 195146

Ion Ratio Lower Upper

96 100

61 146.0 114.0 171.0

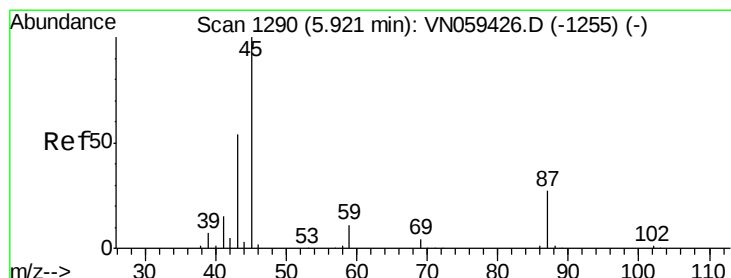
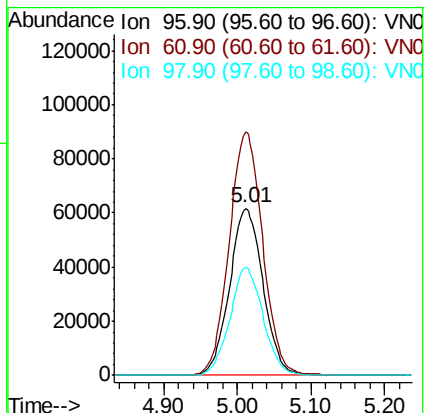
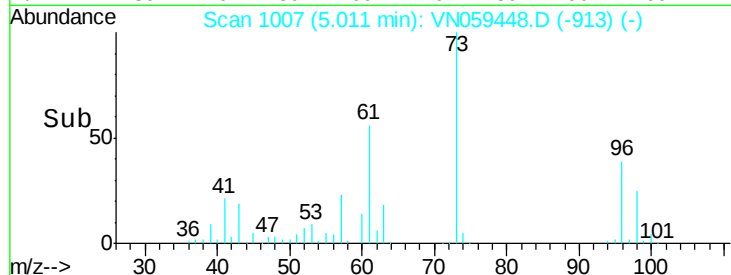
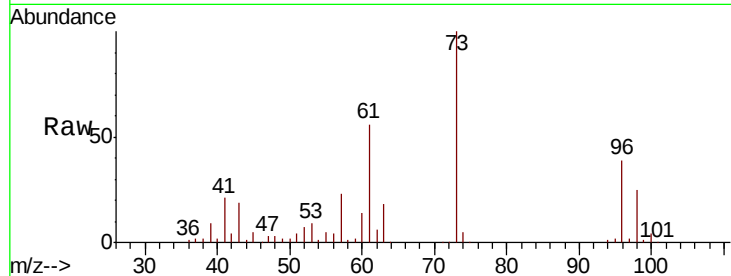
98 64.7 50.5 75.7

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#22

Diisopropyl ether

Concen: 49.610 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion: 45 Resp: 642111

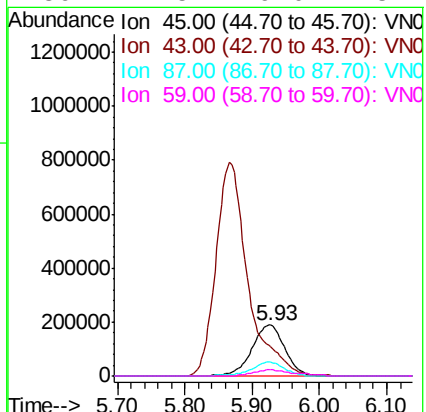
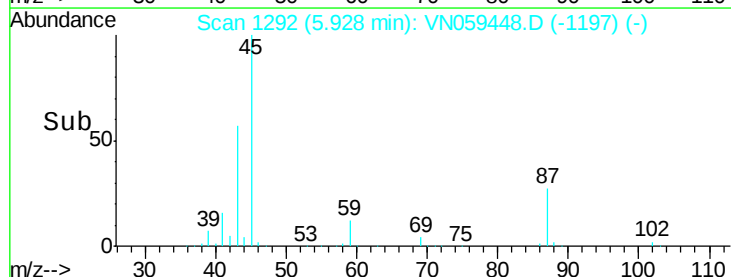
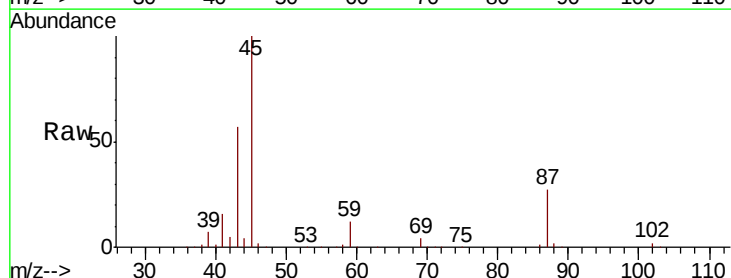
Ion Ratio Lower Upper

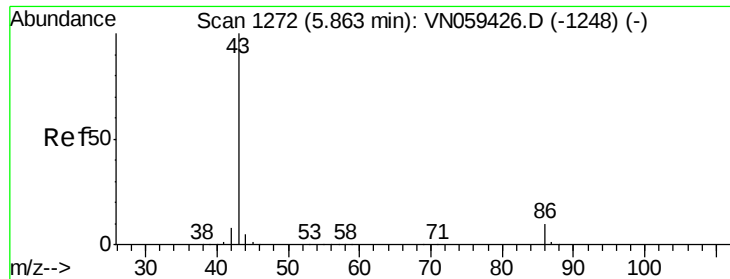
45 100

43 55.5 46.3 69.5

87 27.3 21.8 32.6

59 11.5 9.0 13.4





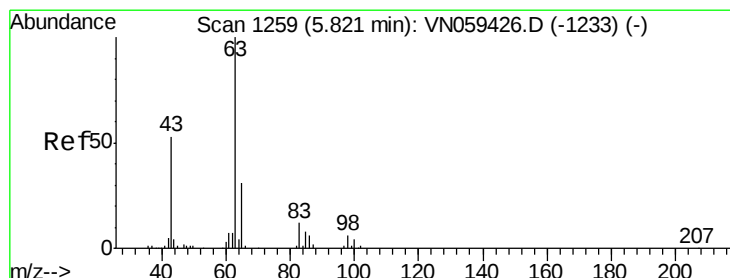
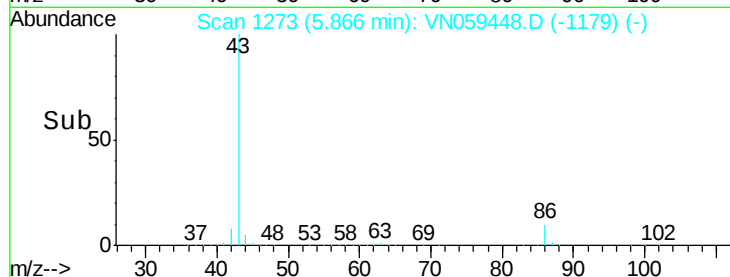
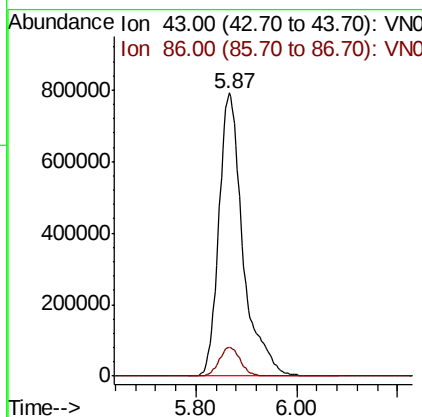
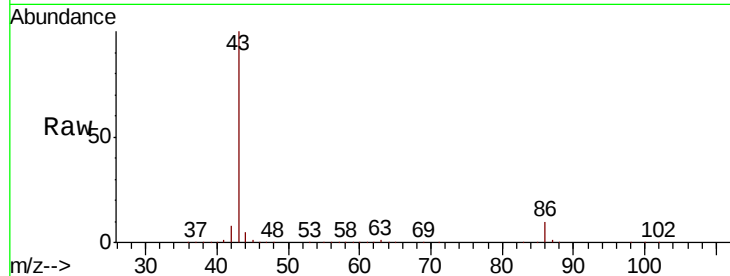
#23
 Vinyl Acetate
 Concen: 251.622 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2627419
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.4

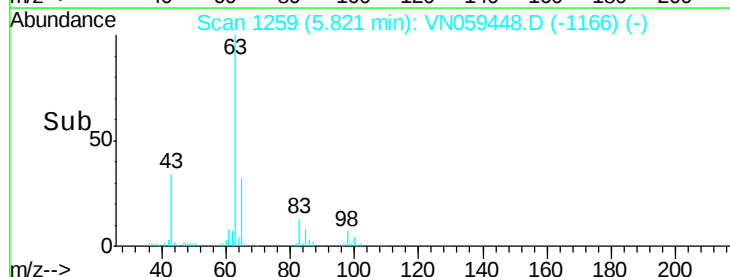
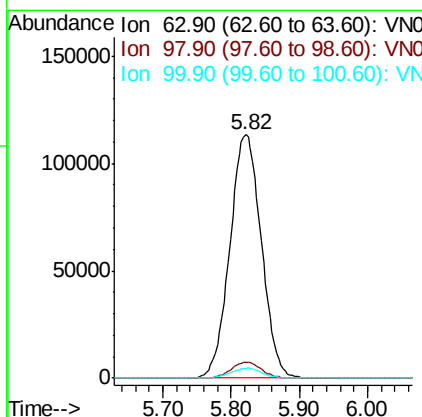
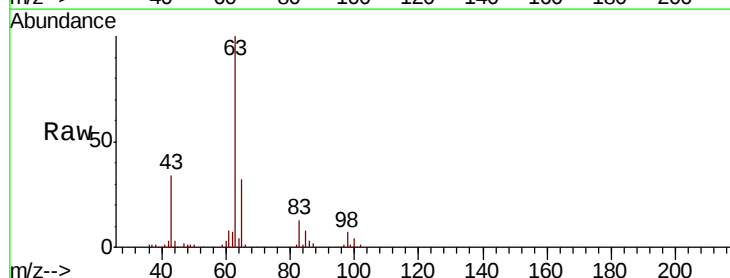
Manual Integrations
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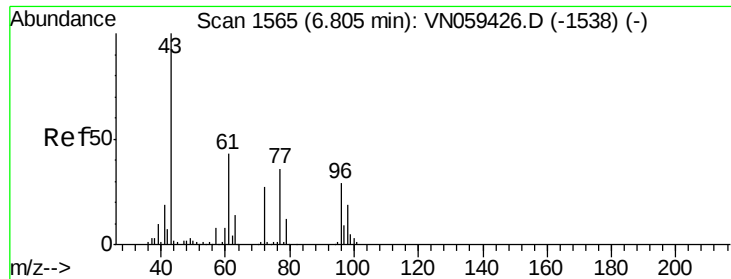
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#24
 1,1-Dichloroethane
 Concen: 48.814 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Tgt Ion: 63 Resp: 363513
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 249.288 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tot Ion: 43 Resp: 724110

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2

Instrument :

MSVOA_N

ClientSampleId :

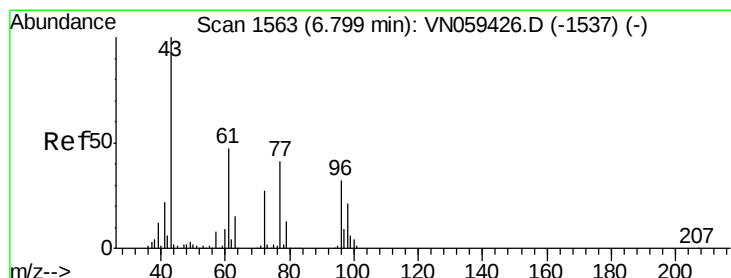
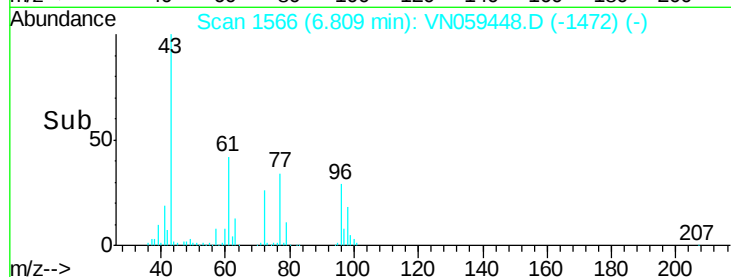
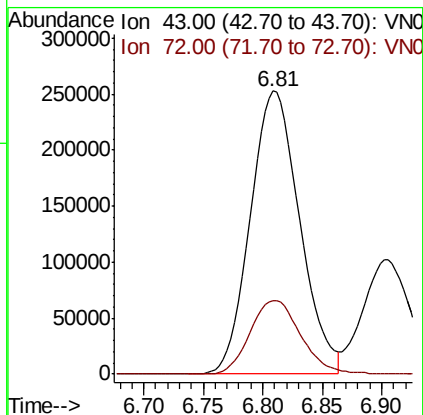
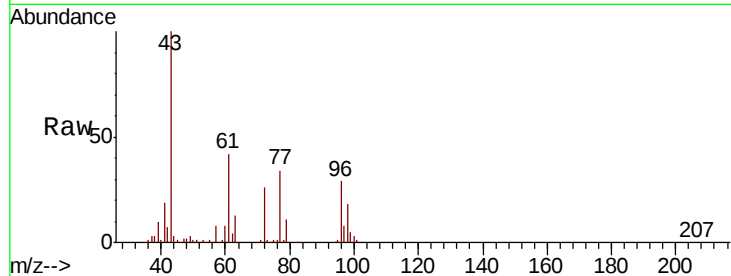
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 48.445 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059448.D

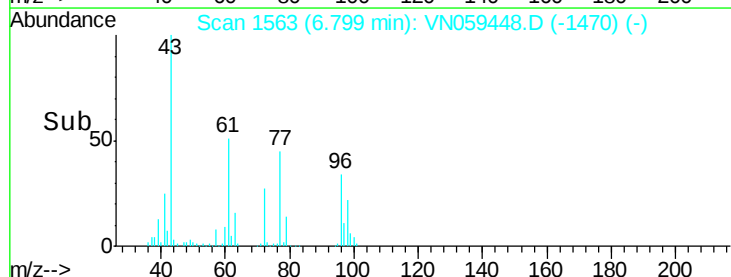
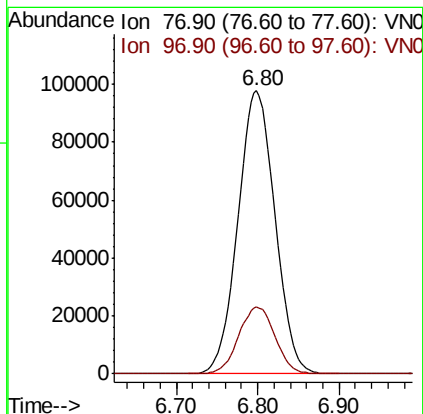
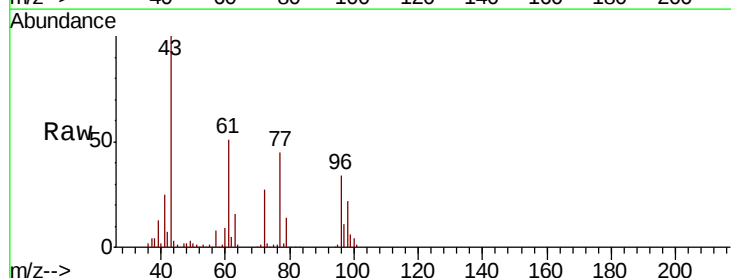
Acq: 29 Nov 2019 15:07

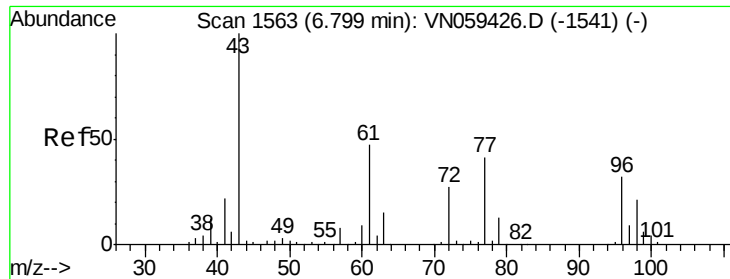
Tgt Ion: 77 Resp: 307022

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.810 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

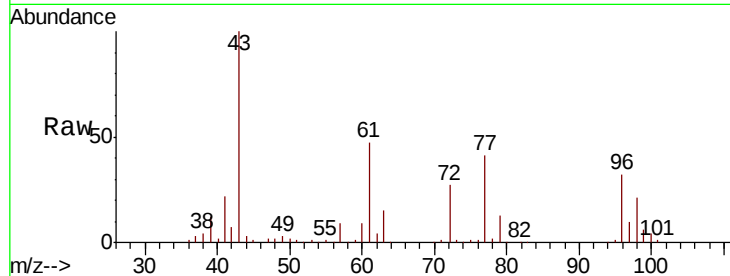
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	218417
Ion Ratio	Lower	Upper	
96	100		
61	148.5	0.0	297.6
98	64.5	0.0	130.8

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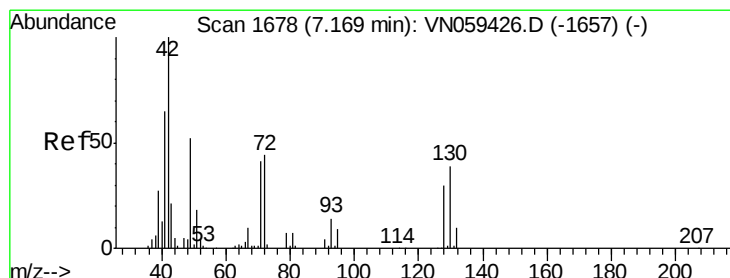
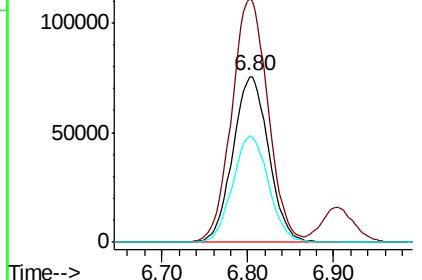
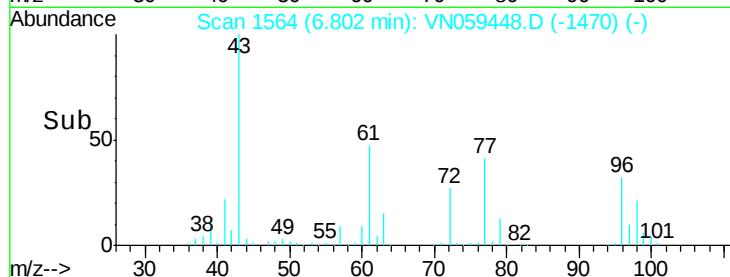
apatel
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Abundance Ion 95.90 (95.60 to 96.60): VN059448.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059448.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059448.D (-1470) (-)



#28

Bromochloromethane

Concen: 48.283 ug/l

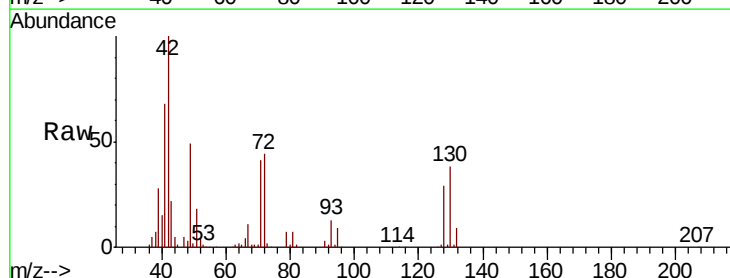
RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

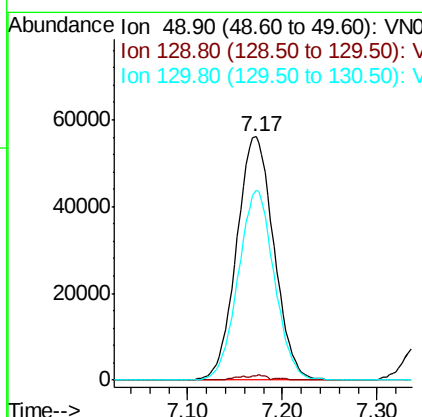
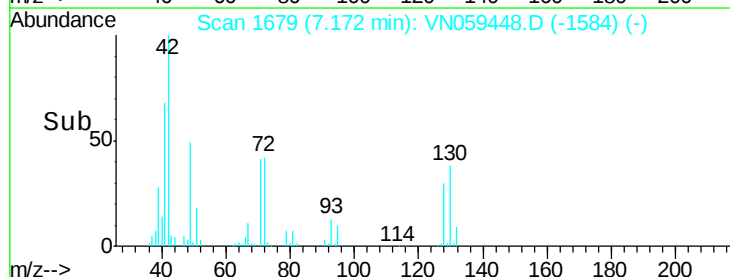
Tgt Ion:	49	Resp:	153700
Ion Ratio	Lower	Upper	
49	100		
129	1.5	0.0	3.6
130	75.4	60.5	90.7

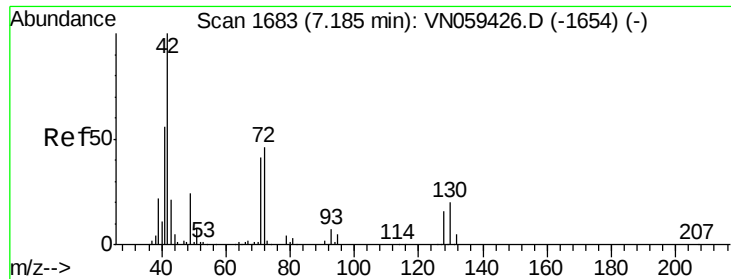


Abundance Ion 48.90 (48.60 to 49.60): VN059448.D (-1584) (-)

Ion 128.80 (128.50 to 129.50): VN059448.D (-1584) (-)

Ion 129.80 (129.50 to 130.50): VN059448.D (-1584) (-)





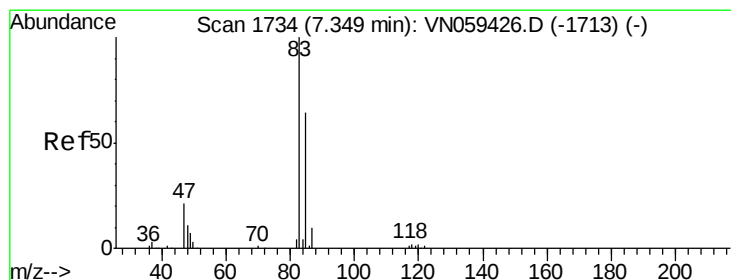
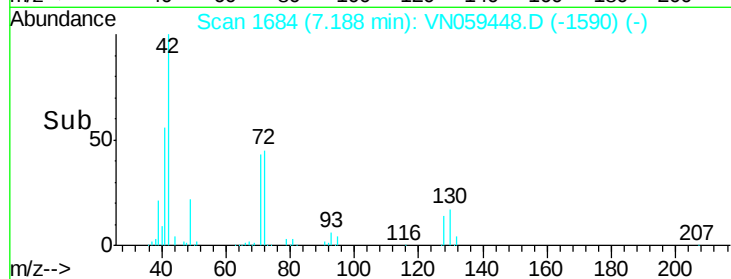
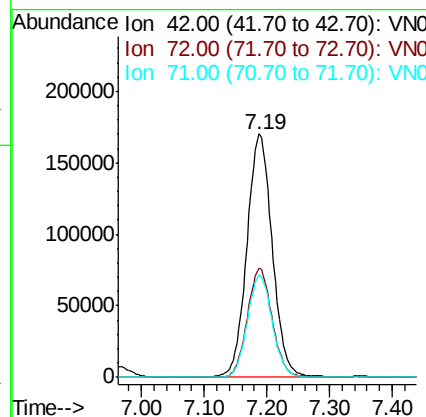
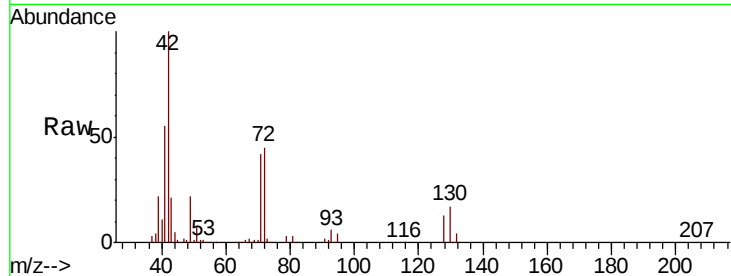
#29
Tetrahydrofuran
Concen: 247.965 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	51.8
71	41.1	33.0	49.6

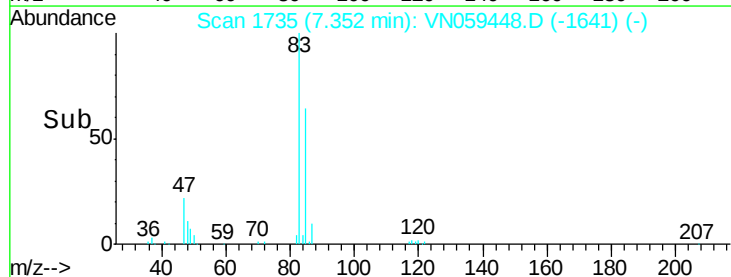
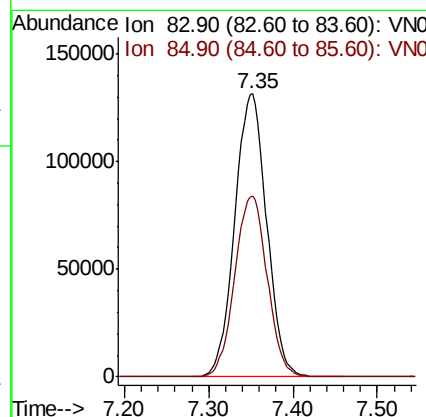
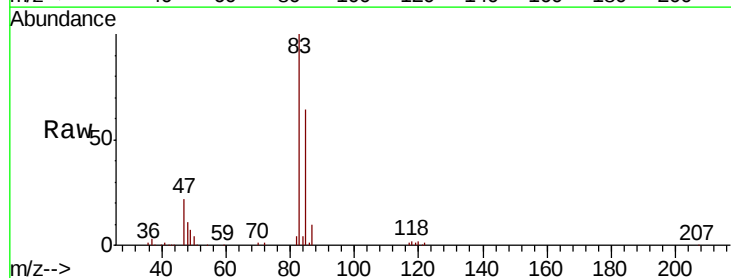
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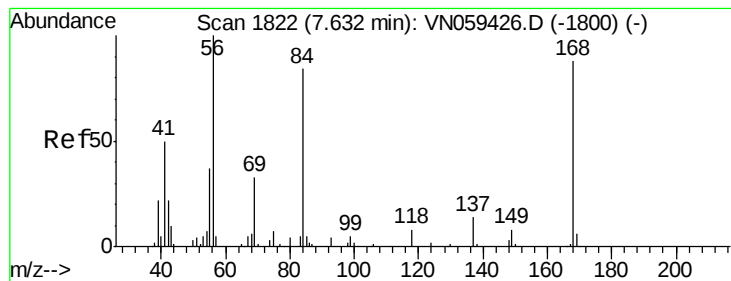
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#30
Chloroform
Concen: 46.251 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4





#31

Cyclohexane

Concen: 46.126 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 344346

Ion Ratio Lower Upper

56 100

69 33.3 26.4 39.6

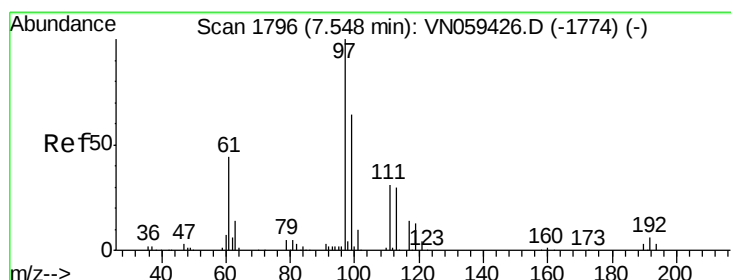
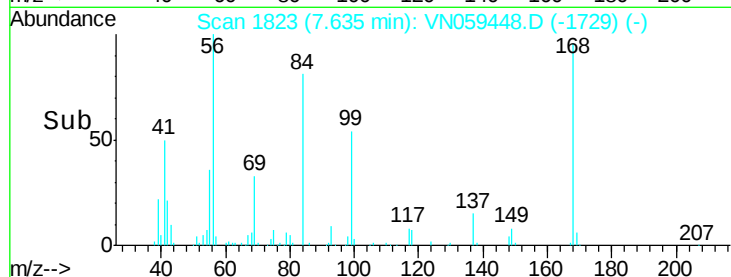
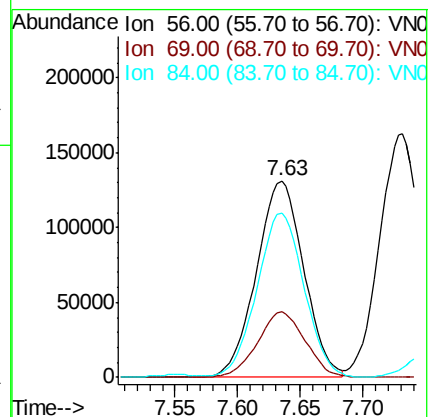
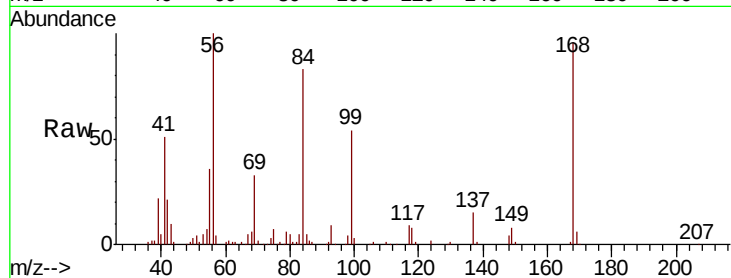
84 82.4 67.0 100.6

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#32

1,1,1-Trichloroethane

Concen: 49.147 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

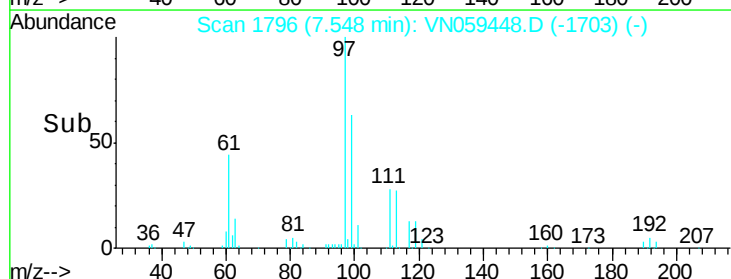
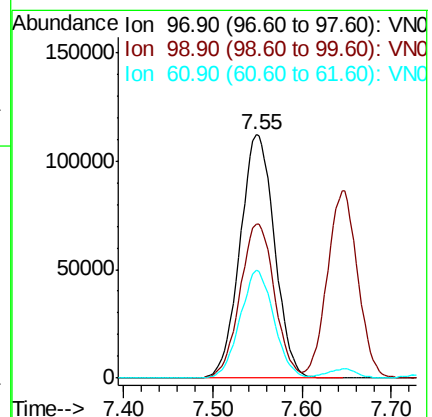
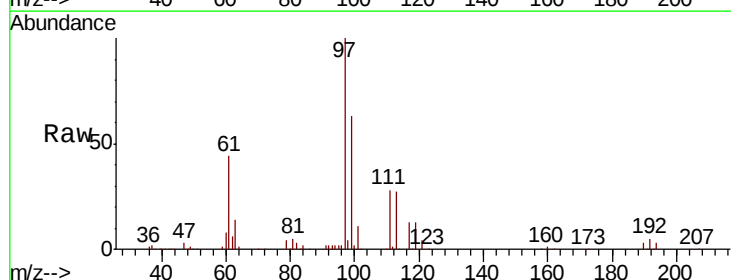
Tgt Ion: 97 Resp: 301183

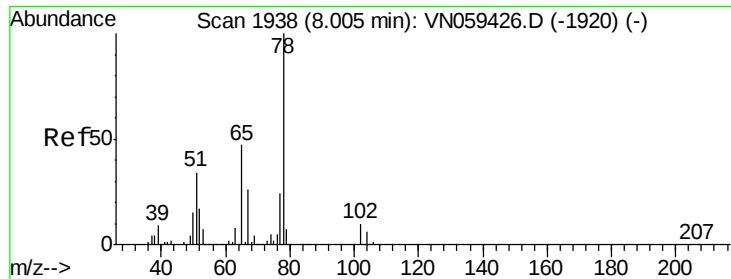
Ion Ratio Lower Upper

97 100

99 63.4 50.9 76.3

61 43.4 34.3 51.5





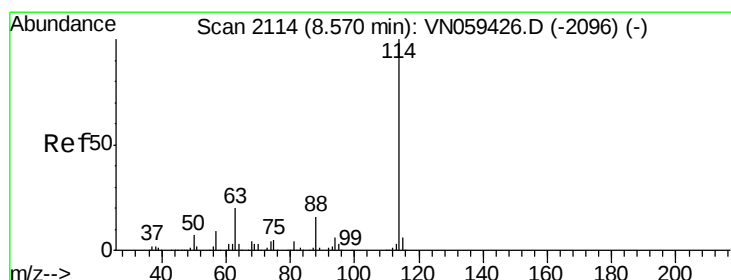
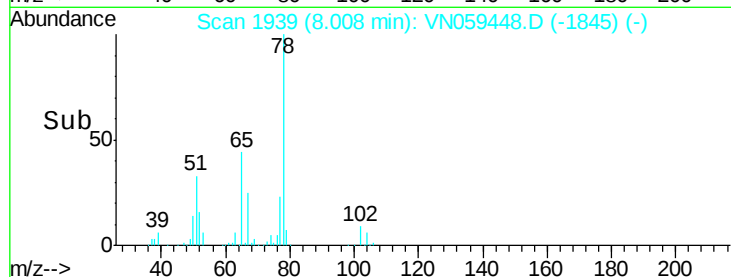
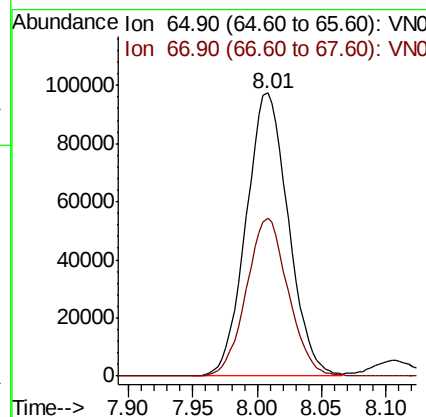
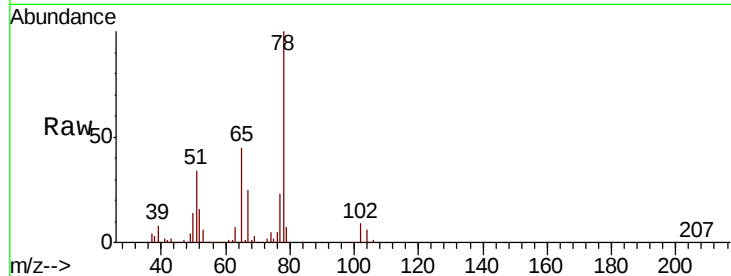
#33
 1,2-Dichloroethane-d4
 Concen: 50.269 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222800		
67	55.3	0.0	111.2	

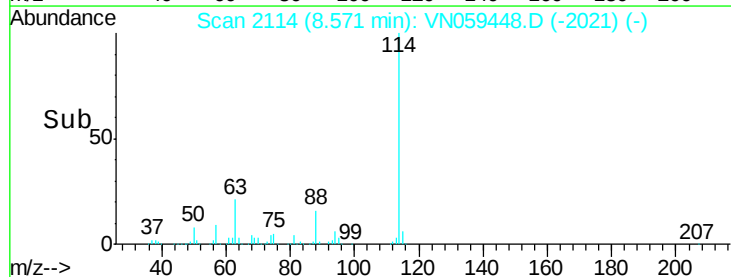
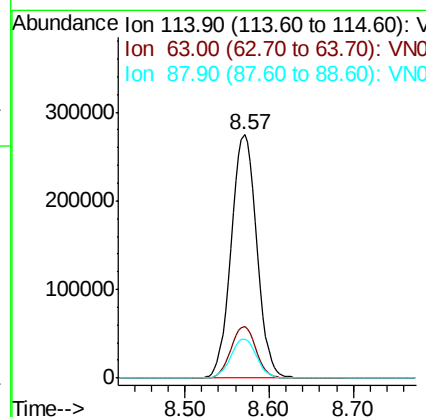
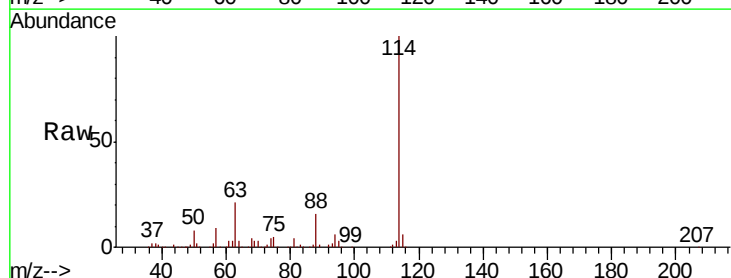
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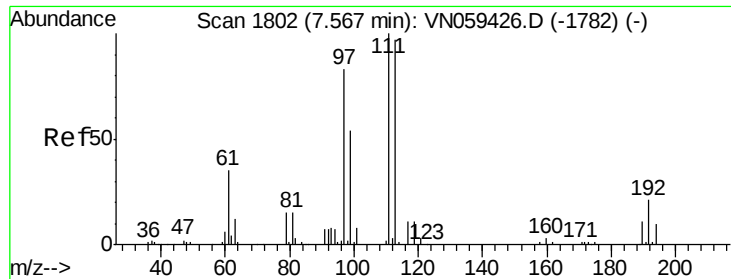
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	579597		
63	21.0	0.0	40.4	
88	16.0	0.0	32.2	





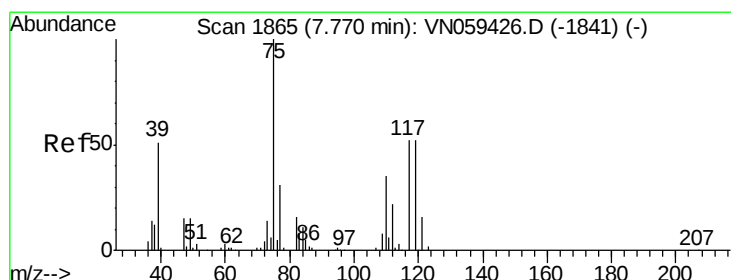
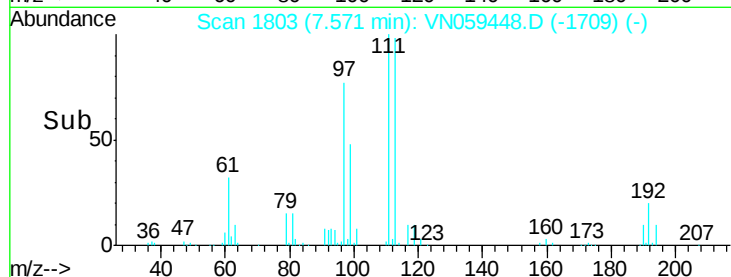
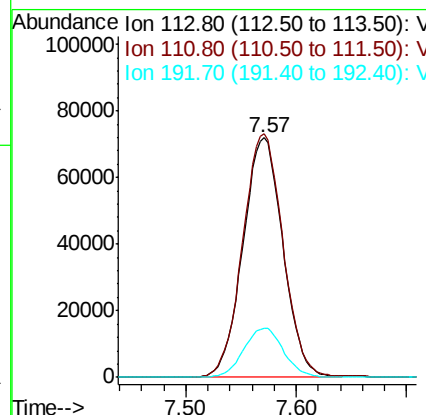
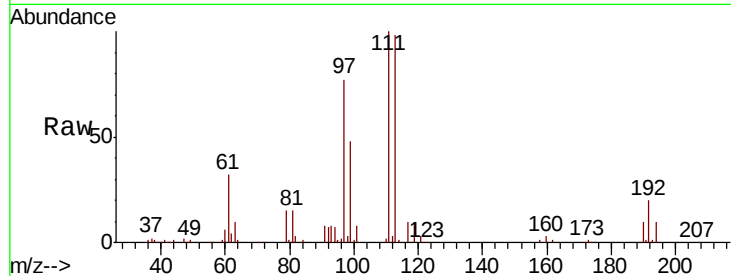
#35
 Dibromofluoromethane
 Concen: 51.209 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	180791		
111	102.2	81.9	122.9	
192	20.5	16.6	24.8	

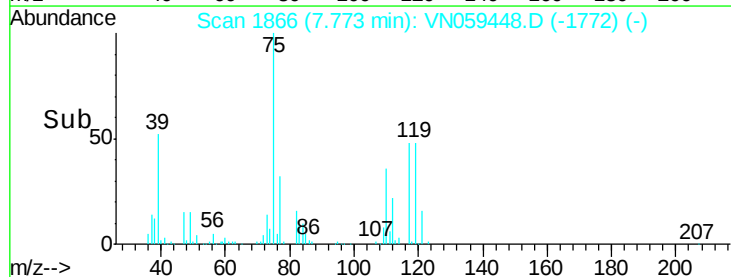
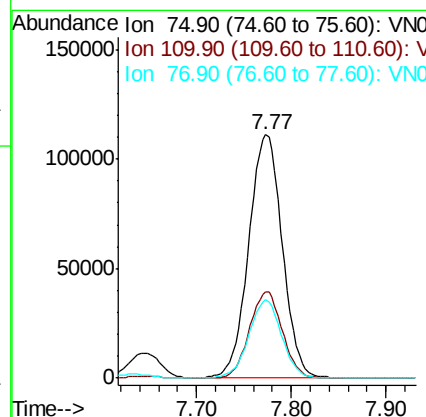
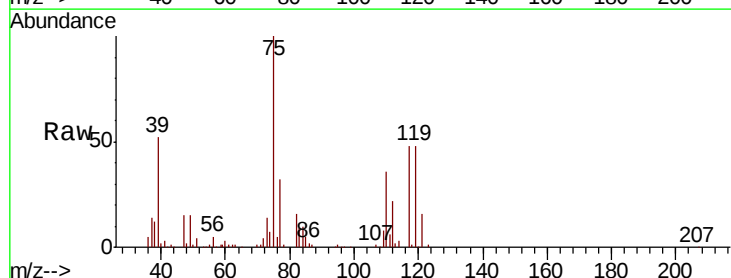
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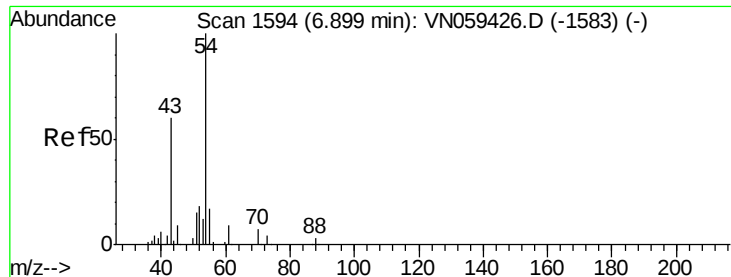
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#36
 1,1-Dichloropropene
 Concen: 48.805 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	272025		
110	34.8	17.3	52.0	
77	31.8	24.9	37.3	





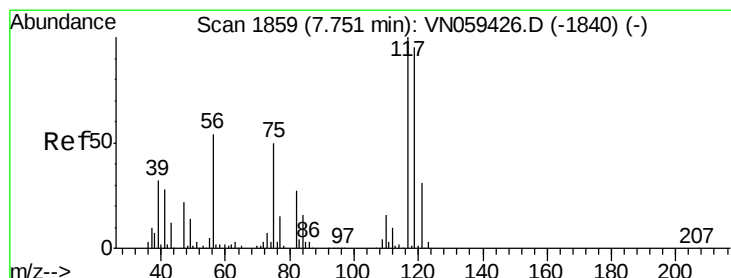
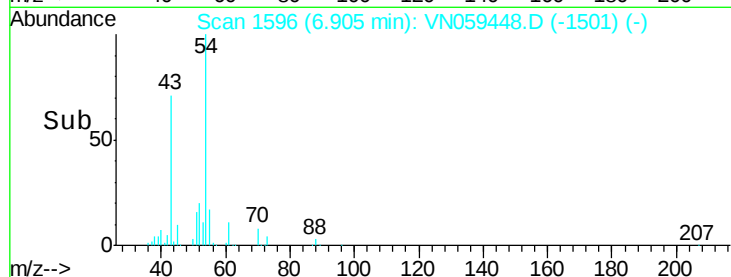
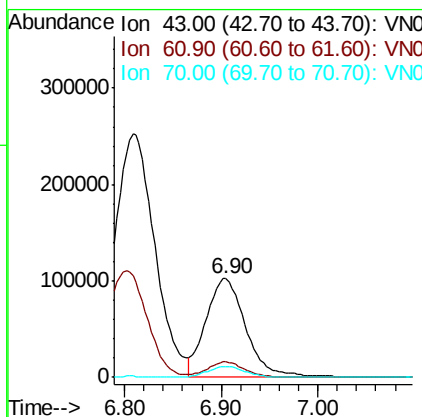
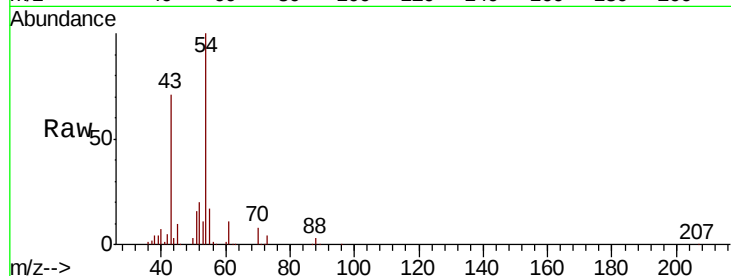
#37
Ethyl Acetate
Concen: 48.622 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.2	18.2
70	10.8	8.8	13.2

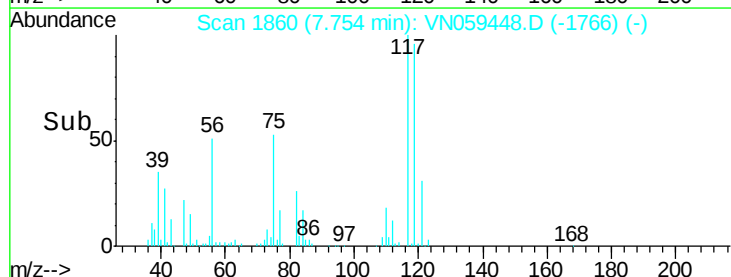
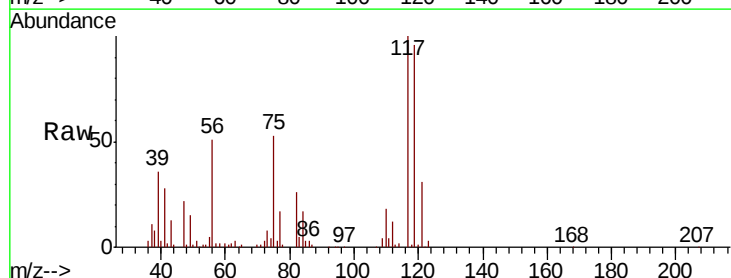
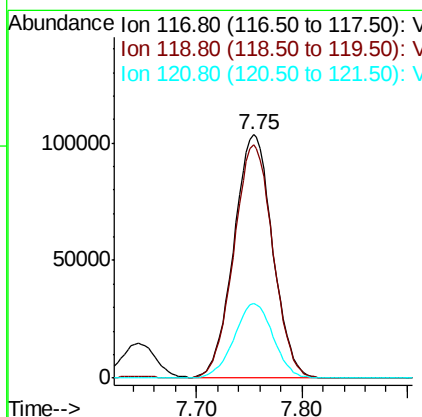
Manual Integrations
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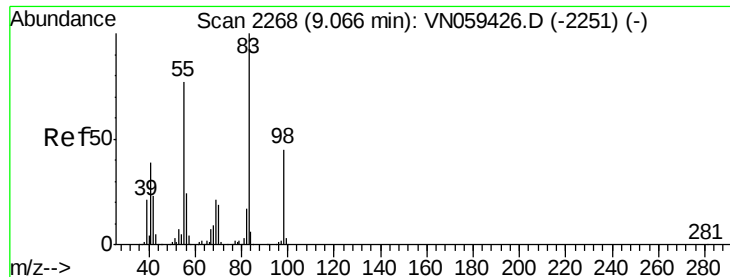
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#38
Carbon Tetrachloride
Concen: 50.355 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.9	113.9
121	30.7	24.6	36.8





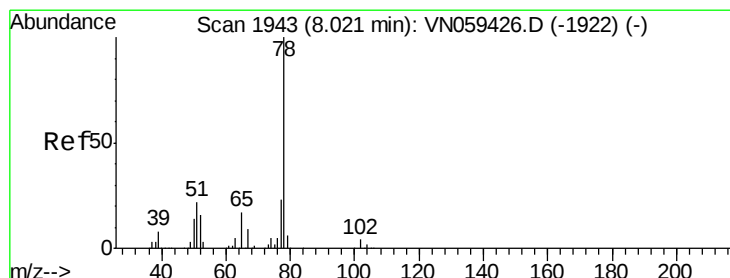
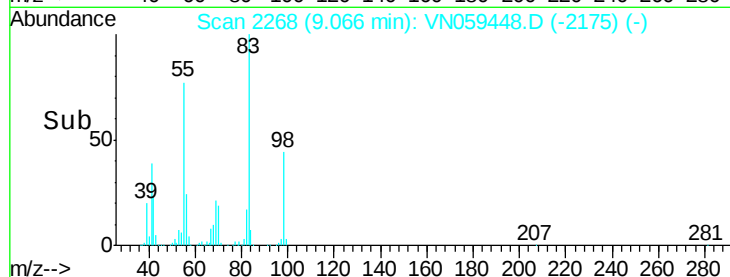
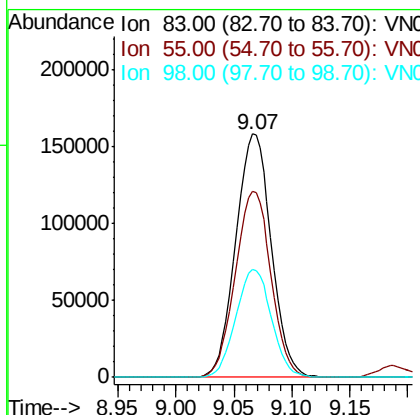
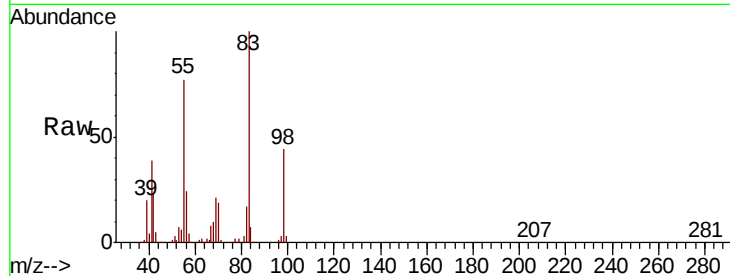
#39
Methvlcvclohexane
Concen: 50.506 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.6	92.4
98	44.4	35.7	53.5

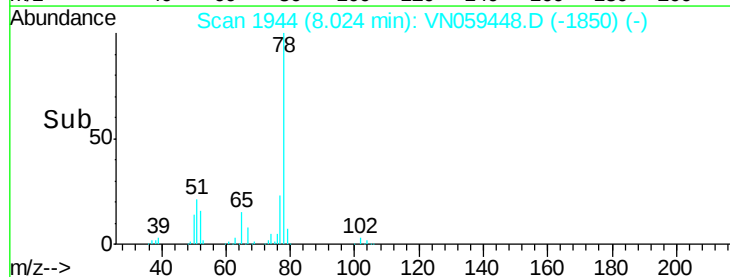
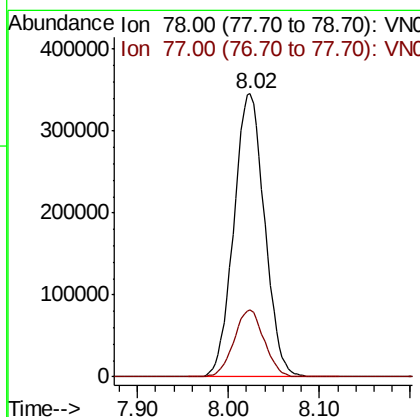
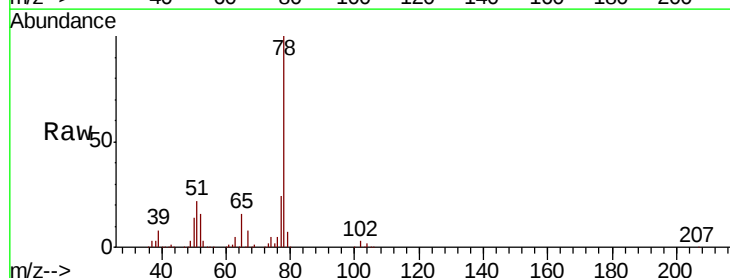
Manual Integrations
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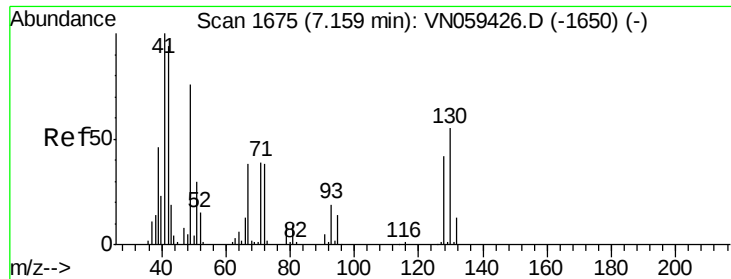
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#40
Benzene
Concen: 49.093 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.3	27.5





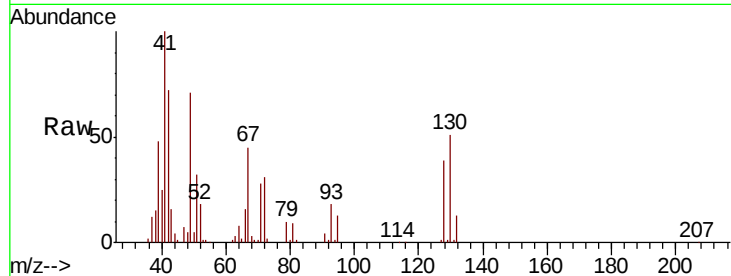
#41
Methacrylonitrile
Concen: 51.137 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

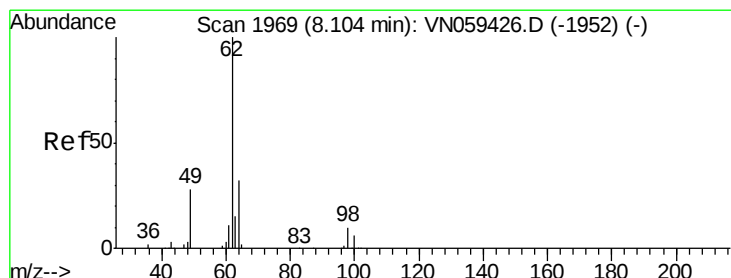
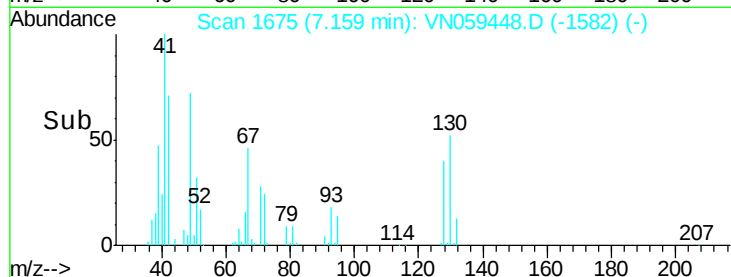
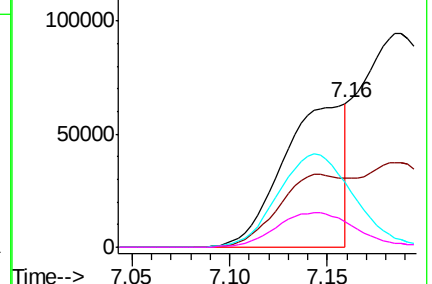
Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

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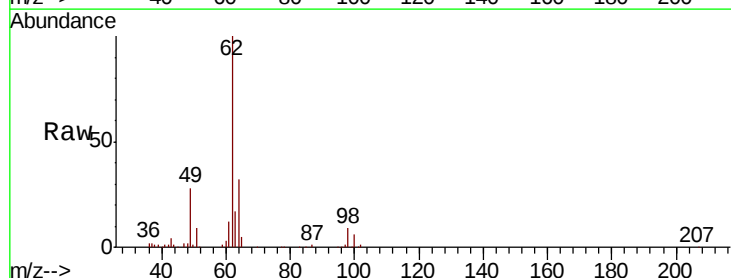


Abundance Ion 41.00 (40.70 to 41.70): VN059426.D (-1650) (-)
Ion 39.00 (38.70 to 39.70): VN059426.D (-1650) (-)
Ion 67.00 (66.70 to 67.70): VN059426.D (-1650) (-)
Ion 52.00 (51.70 to 52.70): VN059426.D (-1650) (-)

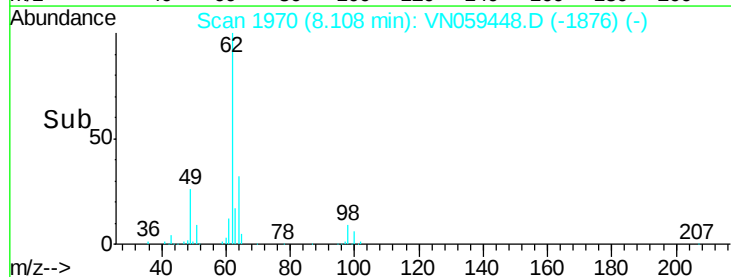
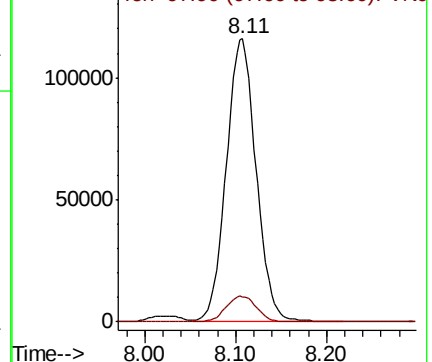


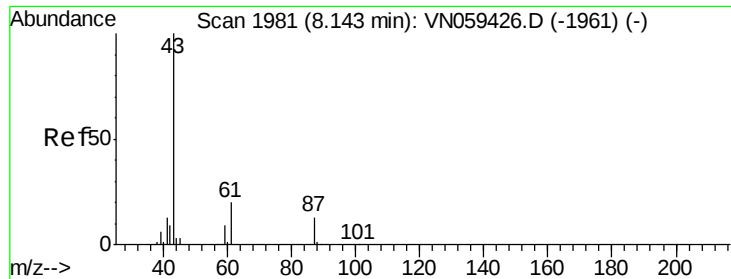
#42
1,2-Dichloroethane
Concen: 50.434 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	9.3	0.0	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN059448.D (-1876) (-)
Ion 97.90 (97.60 to 98.60): VN059448.D (-1876) (-)





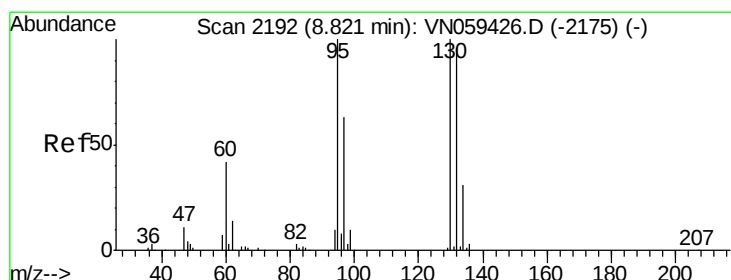
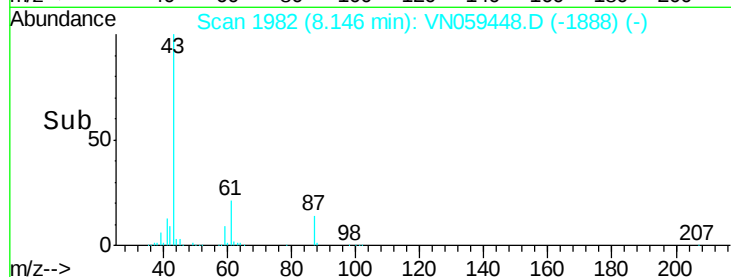
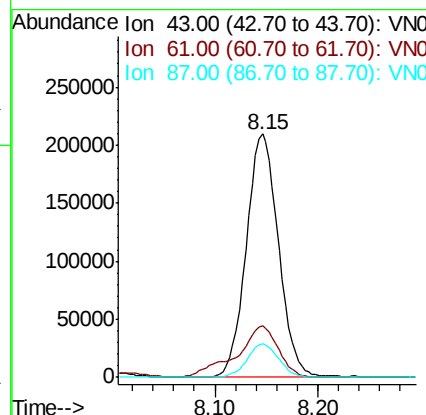
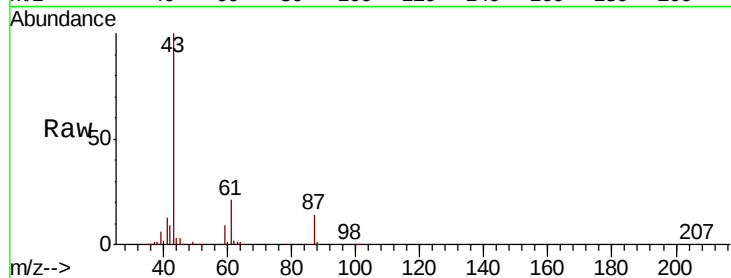
#43
Isopropyl Acetate
Concen: 50.496 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.5	22.2	33.2
87	13.6	10.7	16.1

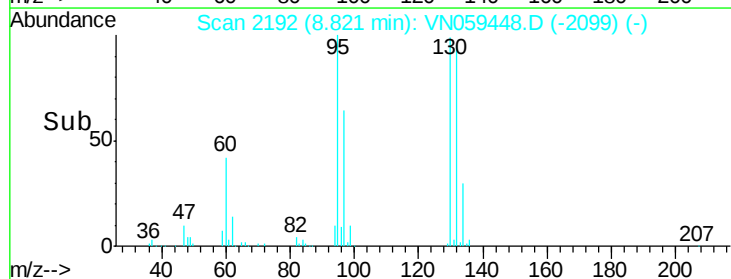
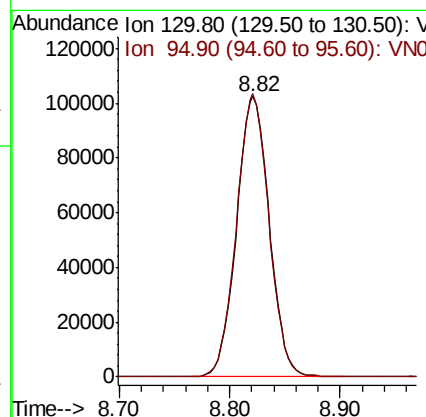
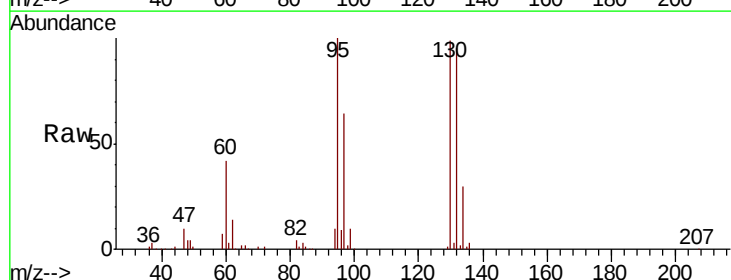
Manual Integrations
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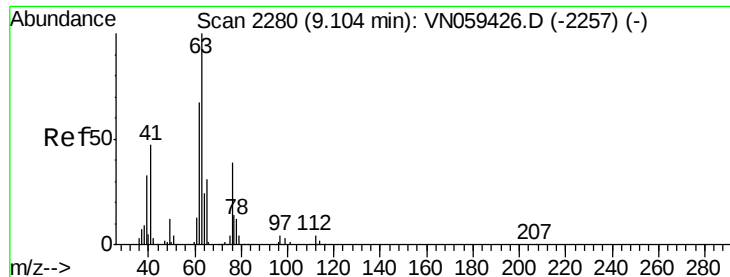
apatel
12/2/2019 10:38:58 AM



#44
Trichloroethene
Concen: 49.897 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	199.6





#45

1,2-Dichloropropane

Concen: 49.915 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 216070

Ion Ratio Lower Upper

63 100

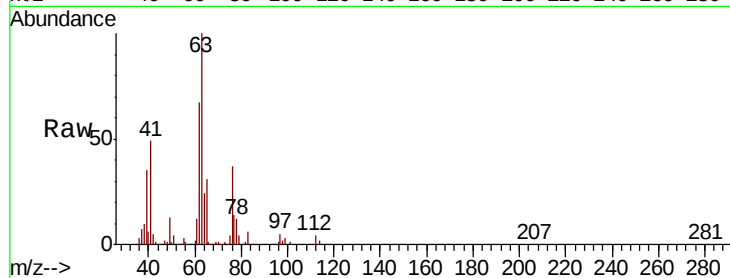
65 30.9 24.6 36.8

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

120000

100000

80000

60000

40000

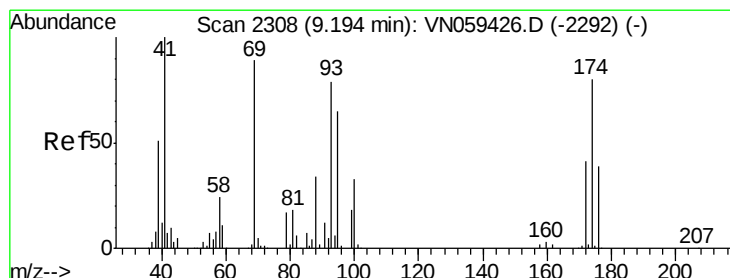
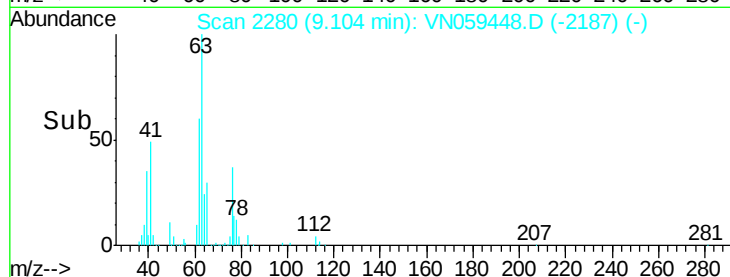
20000

0

9.10

9.05 9.10 9.15 9.20

Time-->



#46

Dibromomethane

Concen: 49.656 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

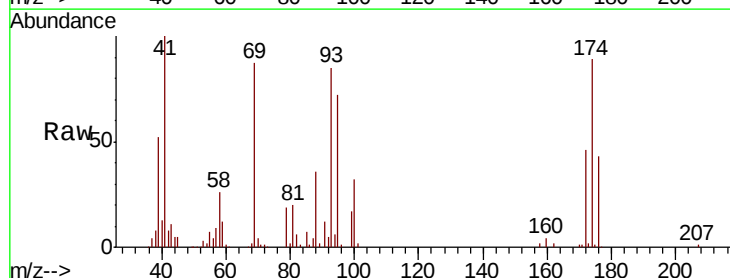
Tgt Ion: 93 Resp: 132647

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 102.7 81.8 122.8



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

80000

60000

40000

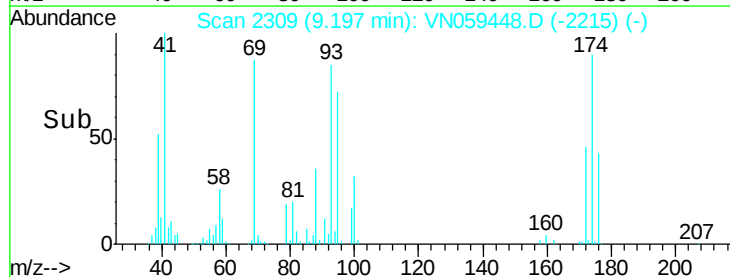
20000

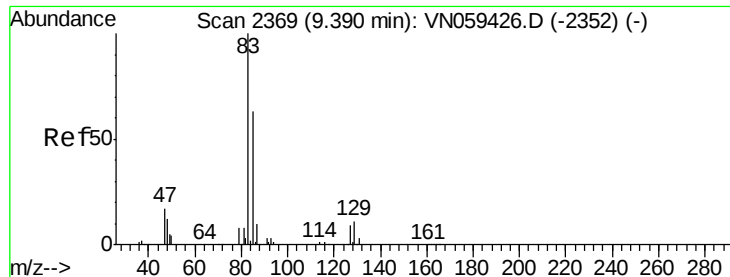
0

9.20

9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 49.441 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

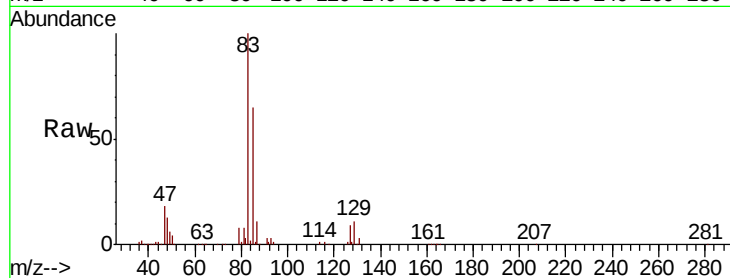
ClientSampleId :

VSTDCCC050EC

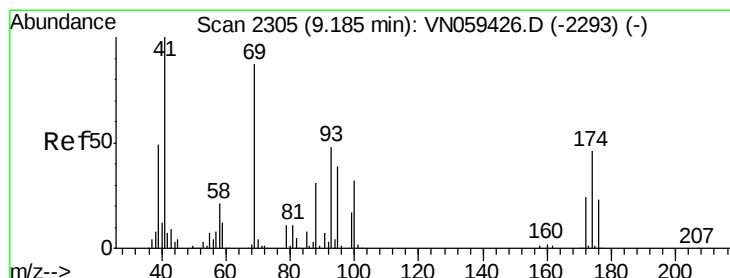
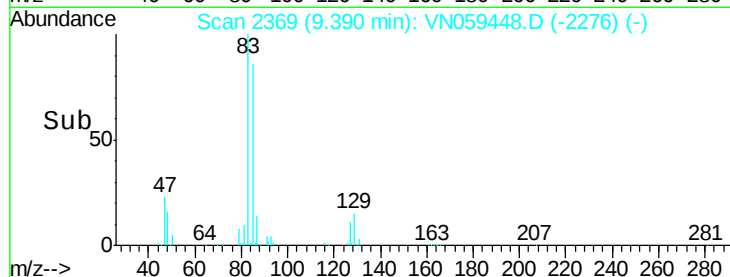
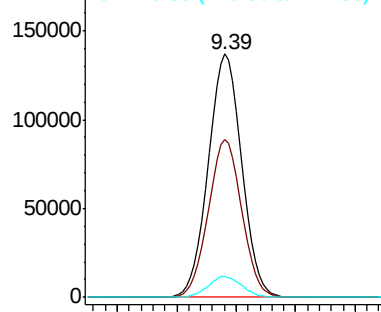
Tot Ion:	83	Resp:	267124
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.6	75.8
127	8.6	6.8	10.2

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Abundance Ion 82.90 (82.60 to 83.60): VN059448.D (-2276) (-)



#48

Methyl methacrylate

Concen: 50.009 ug/l

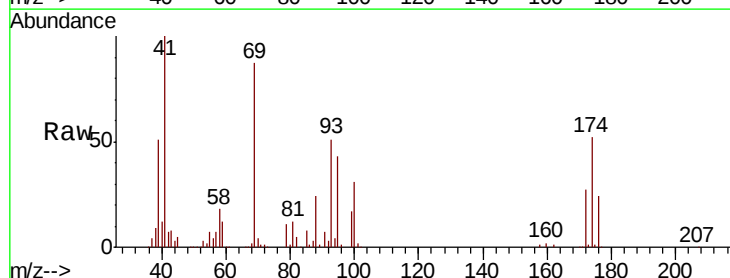
RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

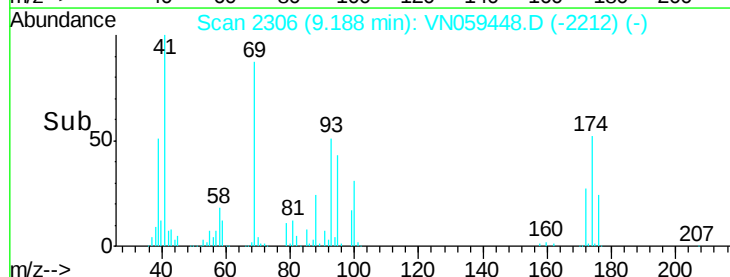
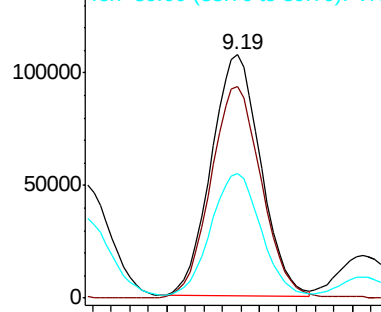
Lab File: VN059448.D

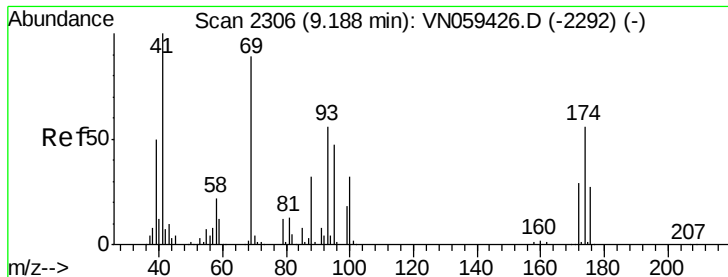
Acq: 29 Nov 2019 15:07

Tgt Ion:	41	Resp:	198761
Ion Ratio	Lower	Upper	
41	100		
69	90.4	71.6	107.4
39	50.9	41.3	61.9



Abundance Ion 41.00 (40.70 to 41.70): VN059448.D (-2212) (-)





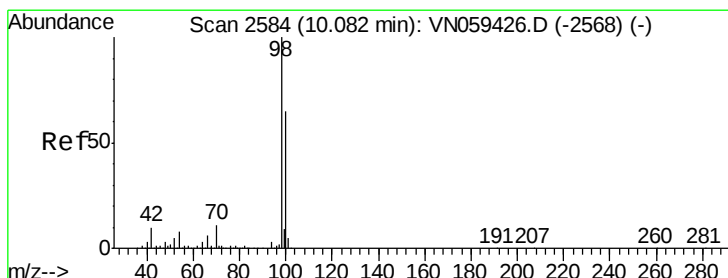
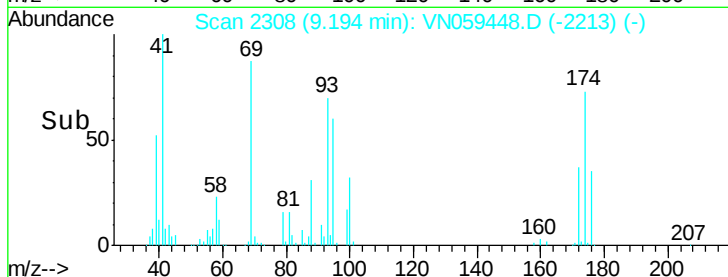
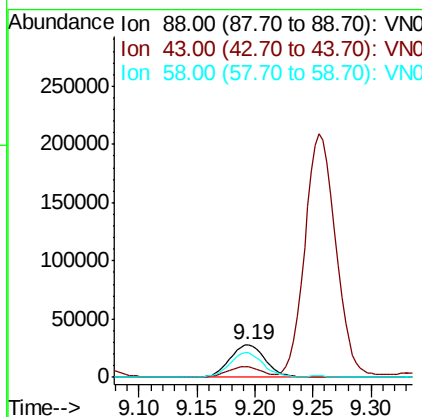
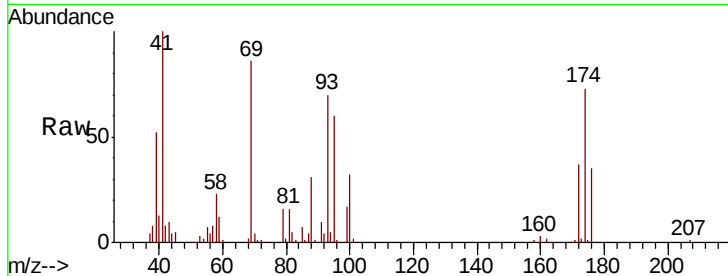
#49
1,4-Dioxane
Concen: 1028.928 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	59727
Ion	Ratio	Lower	Upper
88	100		
43	31.6	23.7	35.5
58	71.6	56.3	84.5

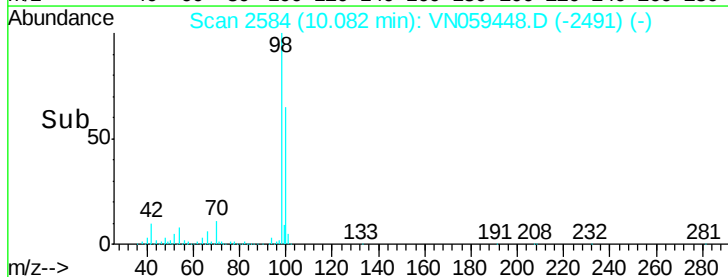
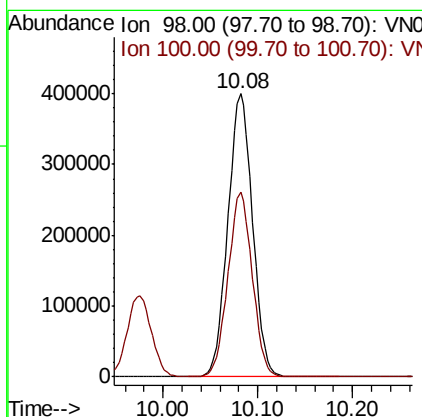
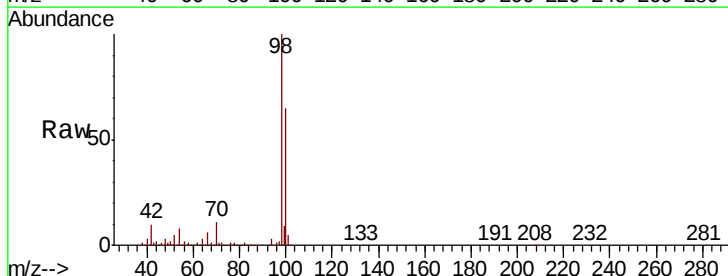
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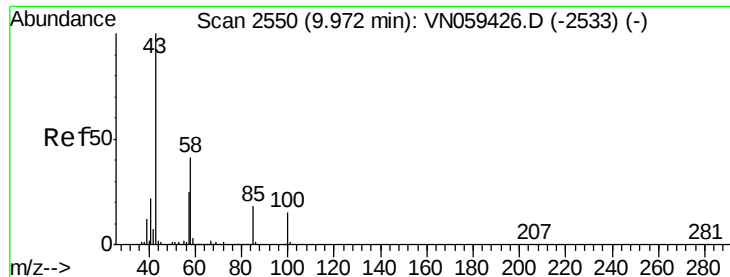
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#50
Toluene-d8
Concen: 51.504 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	98	Resp	724504
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 266.976 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1387289

Ion Ratio Lower Upper

43 100

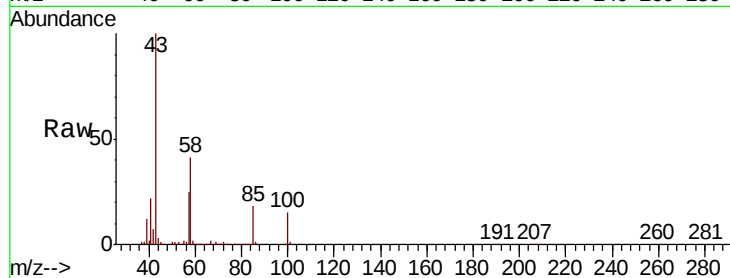
58 40.4 32.5 48.7

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

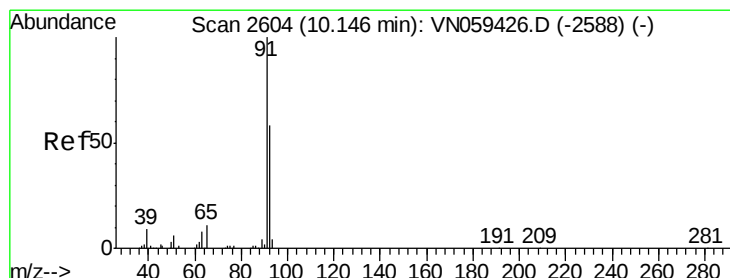
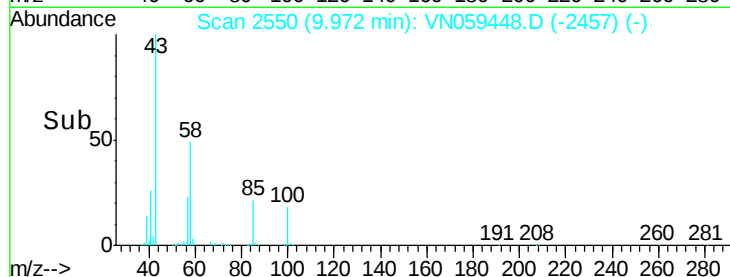
200000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 49.710 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059448.D

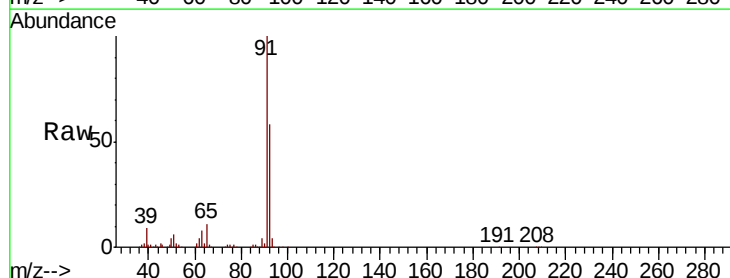
Acq: 29 Nov 2019 15:07

Tgt Ion: 92 Resp: 491480

Ion Ratio Lower Upper

92 100

91 172.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

200000

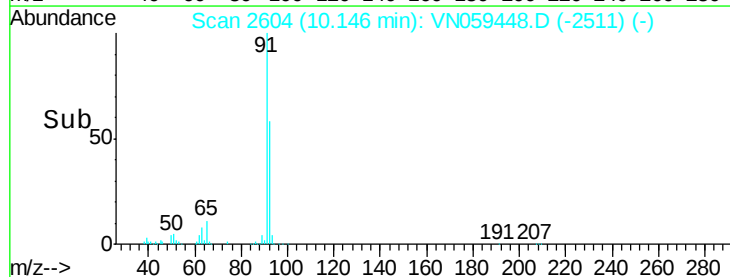
100000

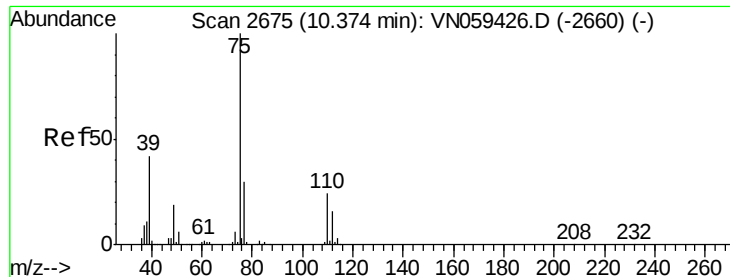
0

10.10

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.314 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 312363

Ion Ratio Lower Upper

75 100

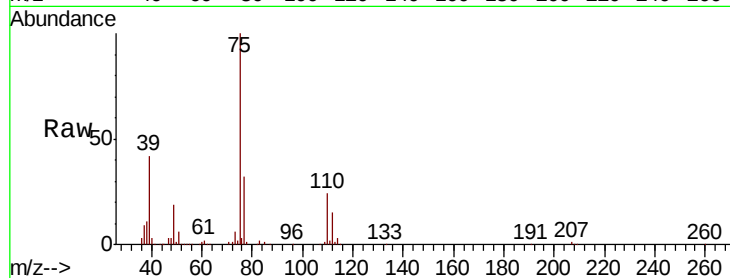
77 32.1 25.5 38.3

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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

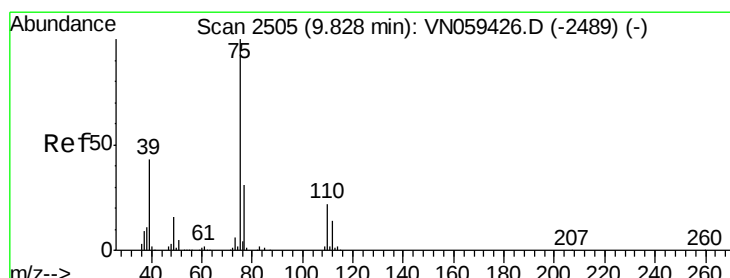
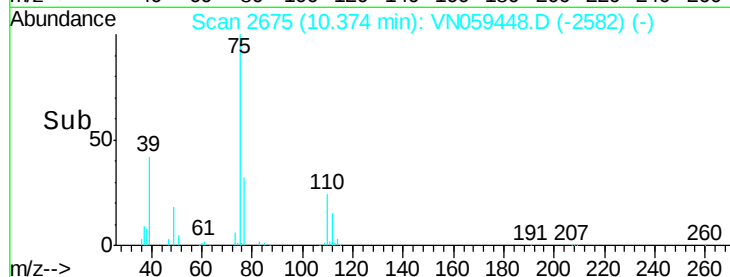
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.050 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

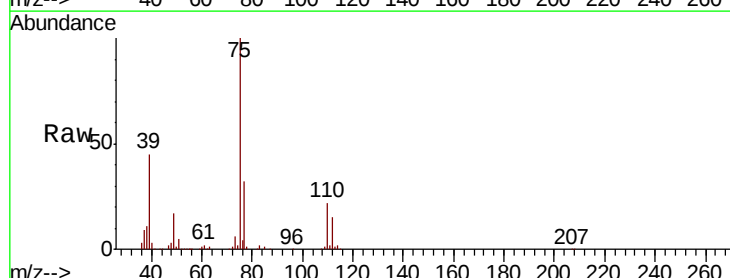
Tgt Ion: 75 Resp: 342125

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 44.5 34.0 51.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

250000

200000

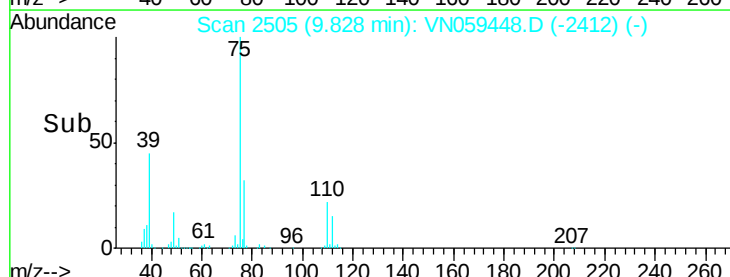
150000

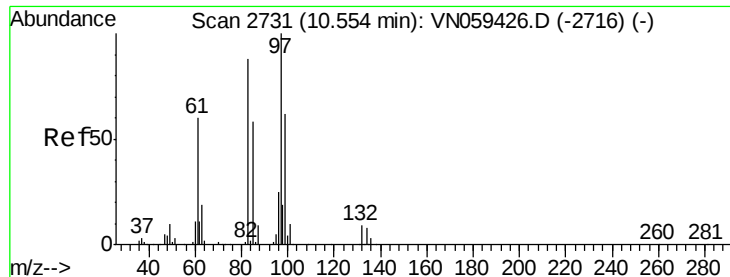
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.668 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

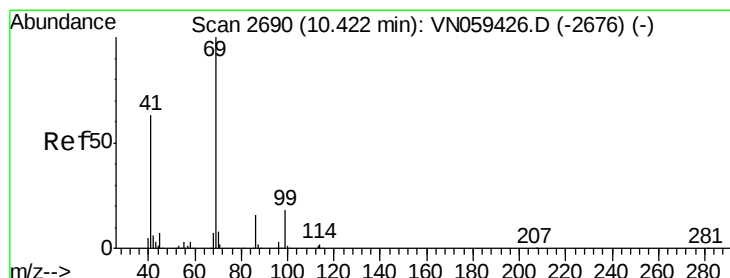
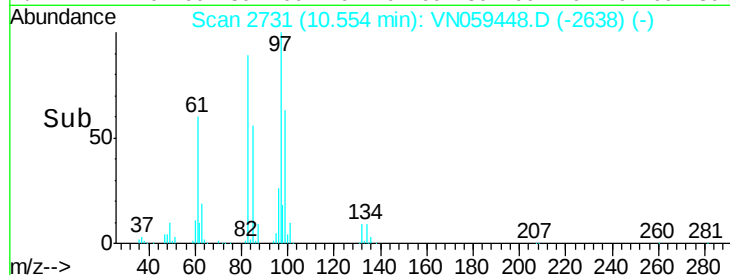
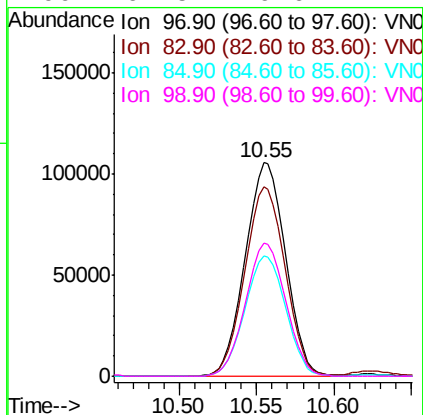
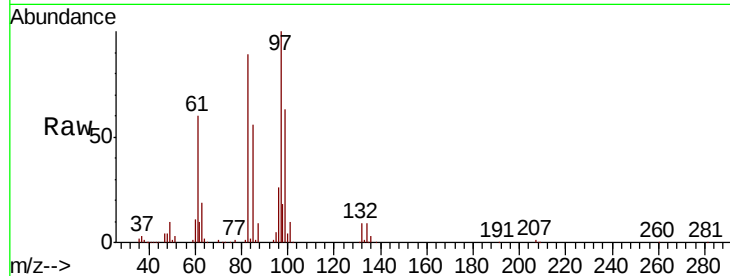
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	192207
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.7	106.1
85	56.3	46.4	69.6
99	62.5	49.6	74.4

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#56

Ethyl methacrylate

Concen: 54.401 ug/l

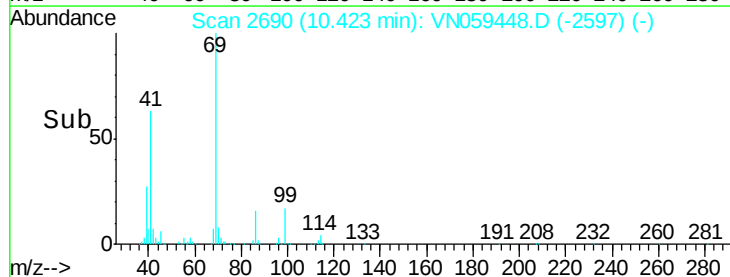
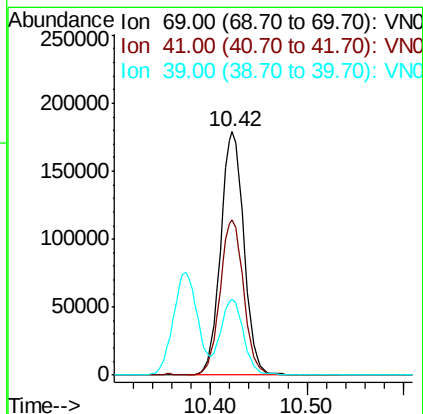
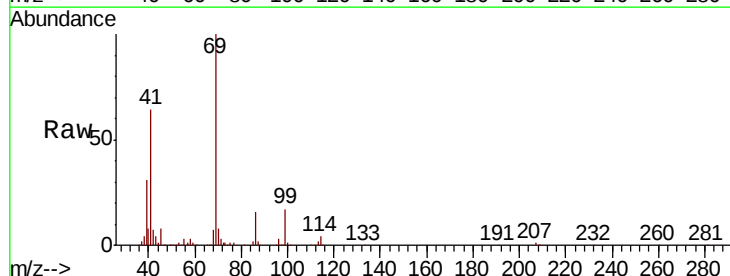
RT: 10.42 min Scan# 2690

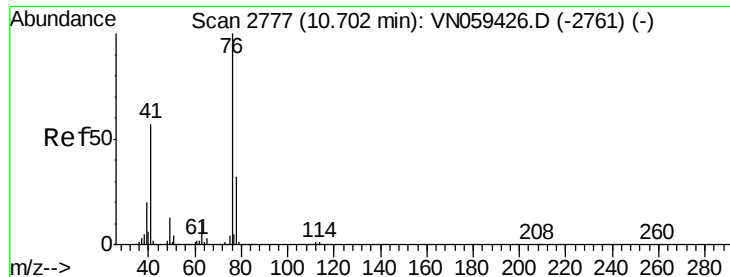
Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion:	69	Resp:	298752
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.1	75.1
39	30.2	23.9	35.9





#57

1,3-Dichloropropane

Concen: 49.553 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 331432

Ion Ratio Lower Upper

76 100

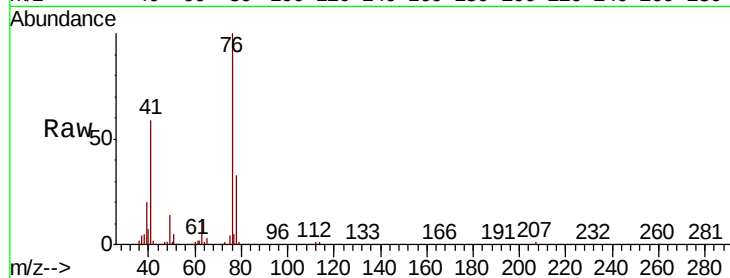
78 32.3 25.5 38.3

Manual Integrations

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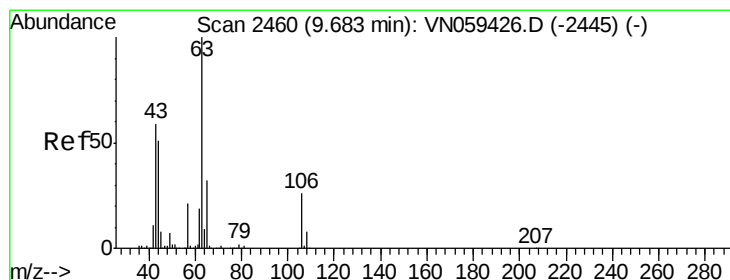
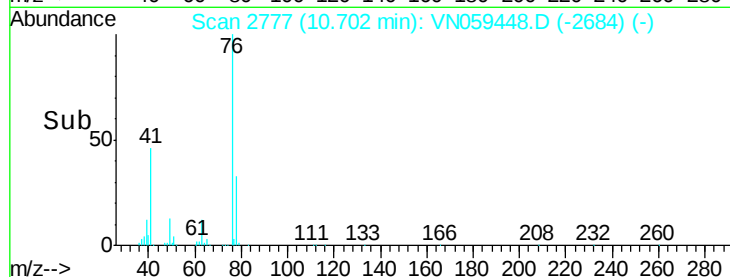
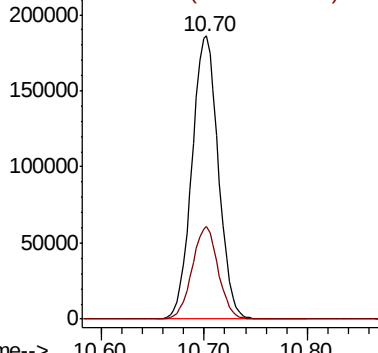
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 332.202 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059448.D

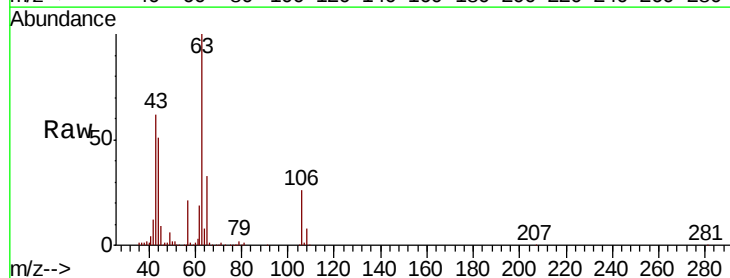
Acq: 29 Nov 2019 15:07

Tgt Ion: 63 Resp: 550824

Ion Ratio Lower Upper

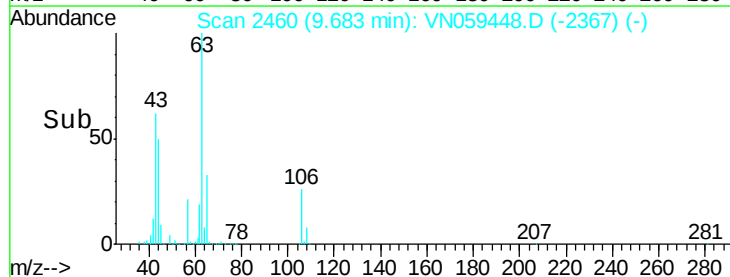
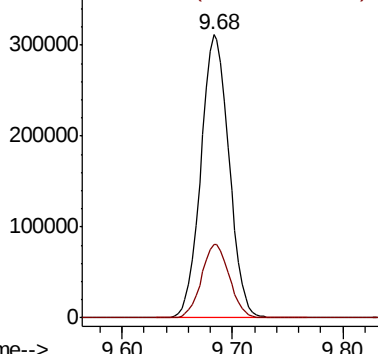
63 100

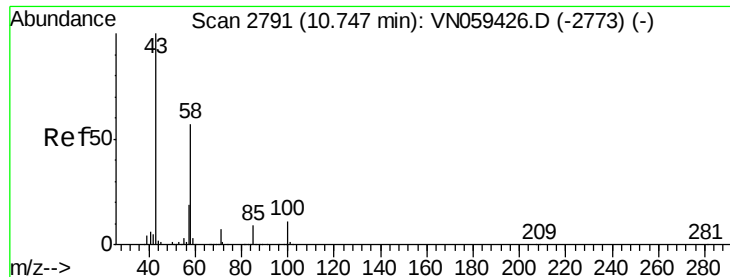
106 25.9 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





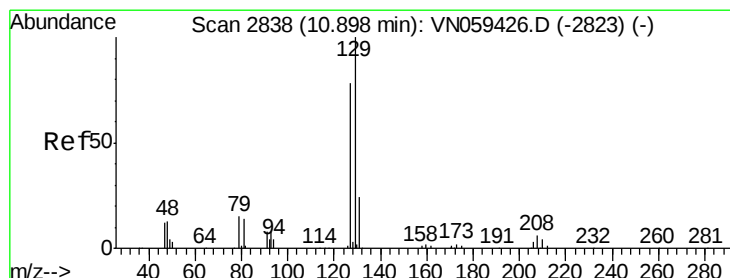
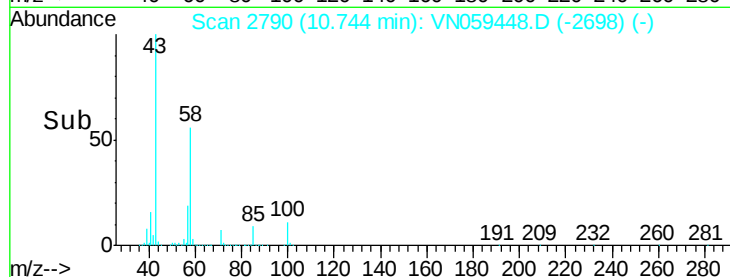
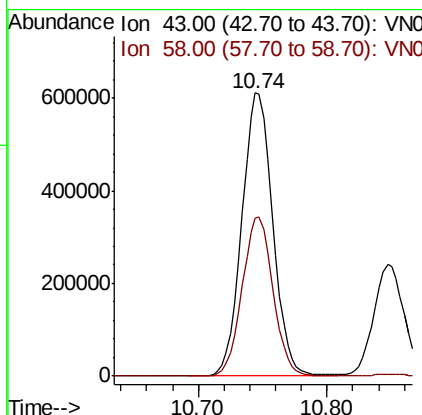
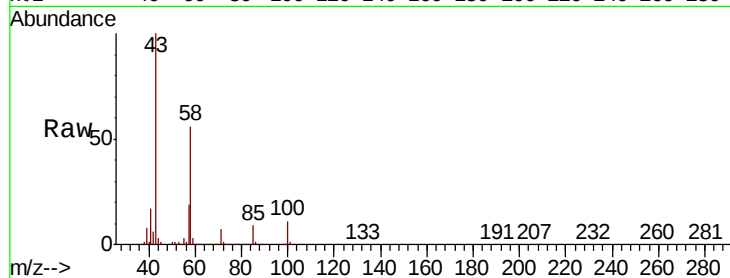
#59
2-Hexanone
Concen: 264.447 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1018957
Ion Ratio Lower Upper
43 100
58 56.2 28.3 85.0

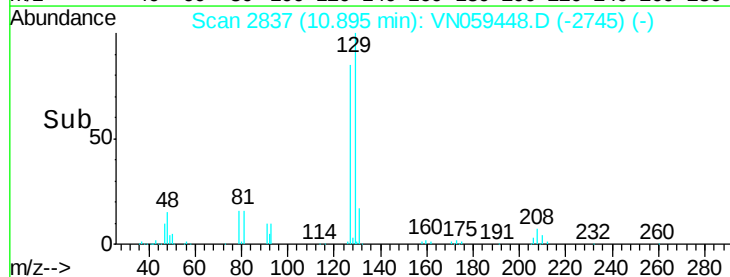
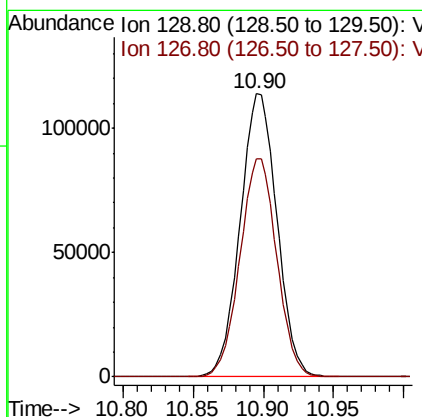
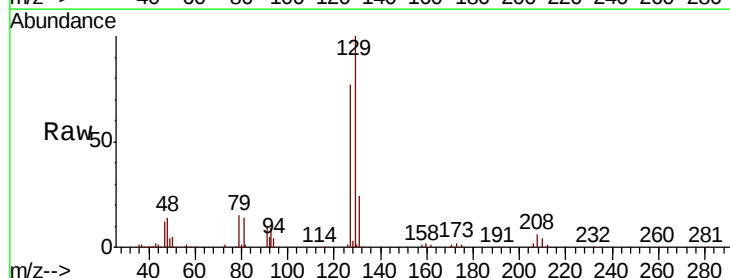
Manual Integrations
APPROVED

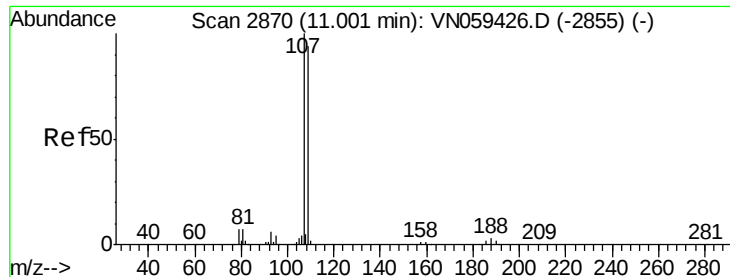
apatel
12/2/2019 10:38:58 AM



#60
Dibromochloromethane
Concen: 51.523 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion: 129 Resp: 208126
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.359 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 199700

Ion Ratio Lower Upper

107 100

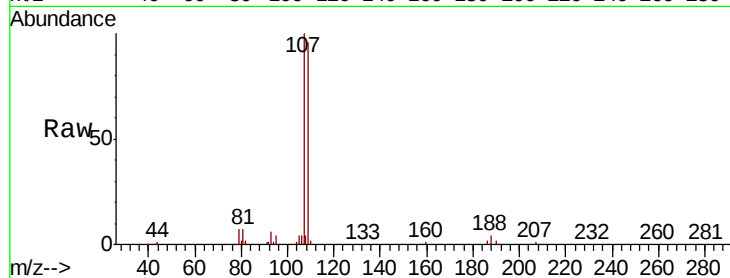
109 94.5 75.8 113.8

Manual Integrations

APPROVED

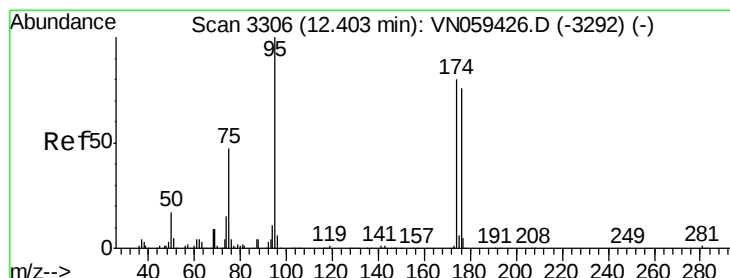
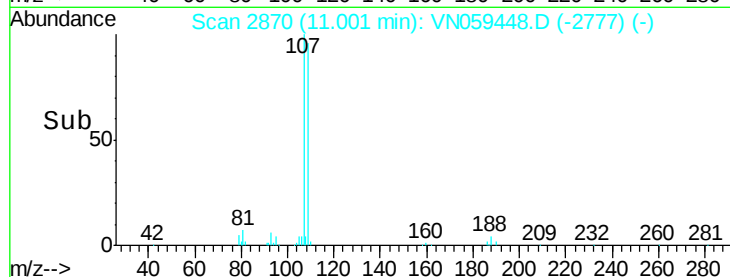
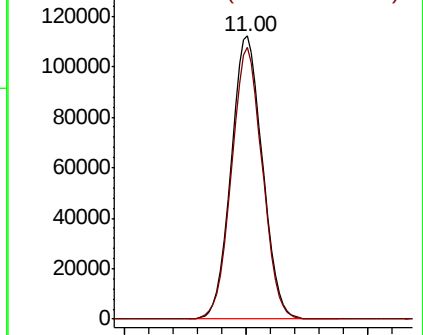
apatel

12/2/2019 10:38:58 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.429 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

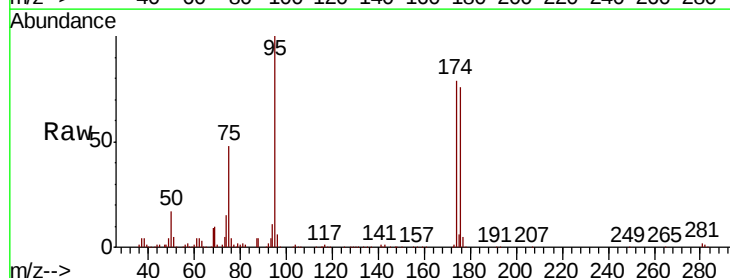
Tgt Ion: 95 Resp: 256792

Ion Ratio Lower Upper

95 100

174 79.1 0.0 158.0

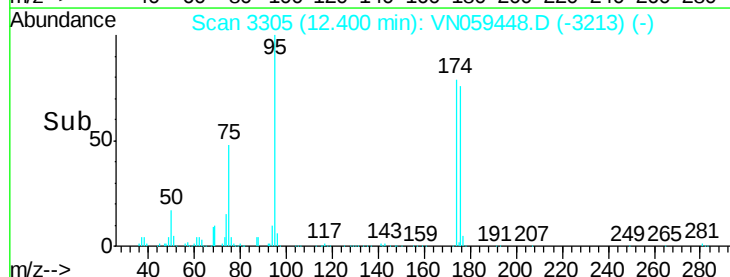
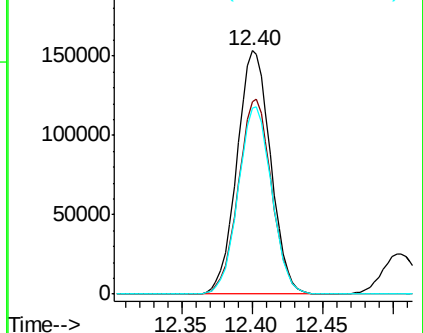
176 76.4 0.0 153.0

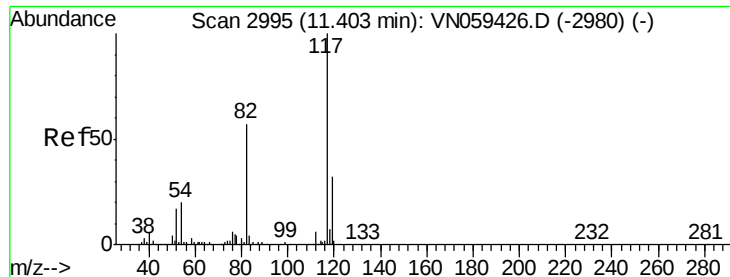


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





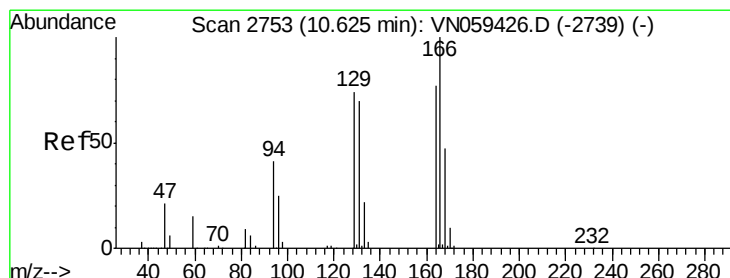
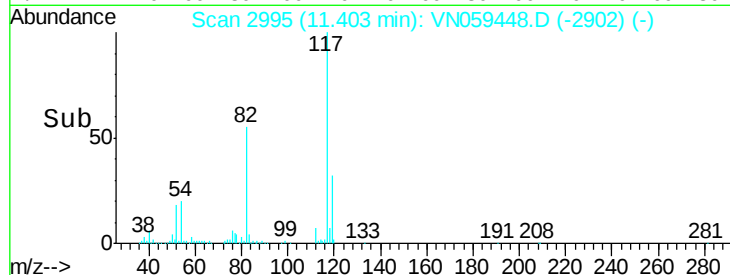
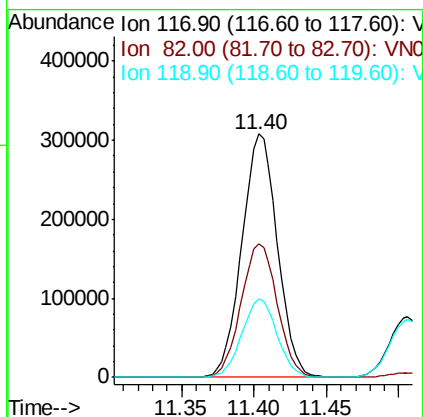
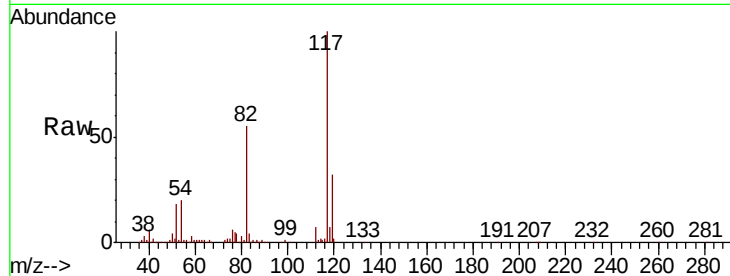
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.4	68.0
119	32.0	25.6	38.4

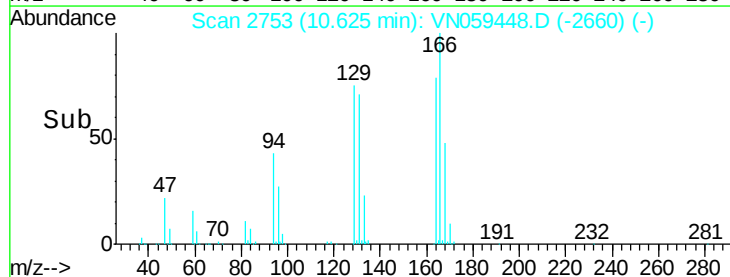
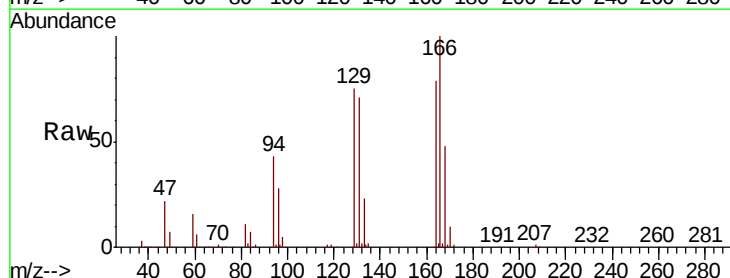
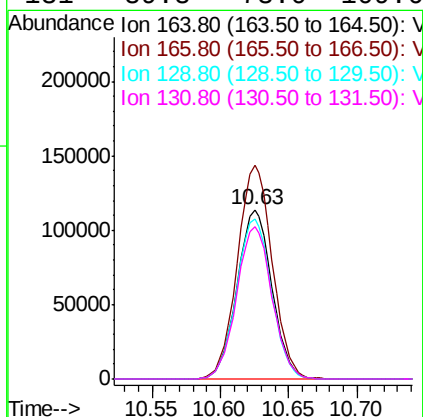
Manual Integrations
APPROVED

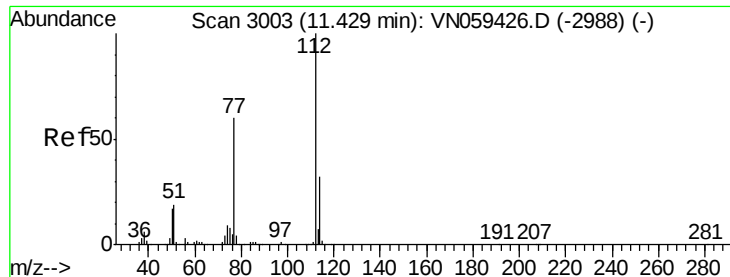
apatel
12/2/2019 10:38:58 AM



#64
Tetrachloroethene
Concen: 51.929 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	104.2	156.4
129	94.5	76.8	115.2
131	89.8	73.0	109.6





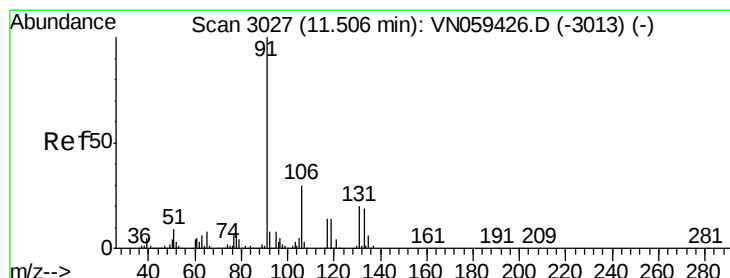
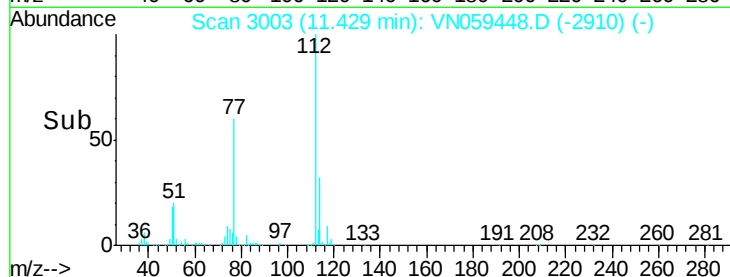
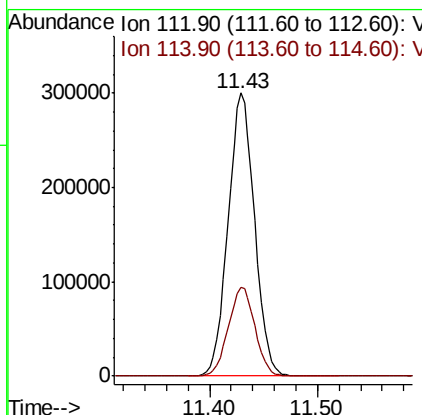
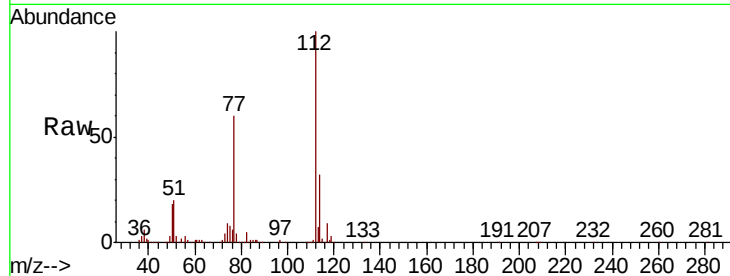
#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.4	38.2

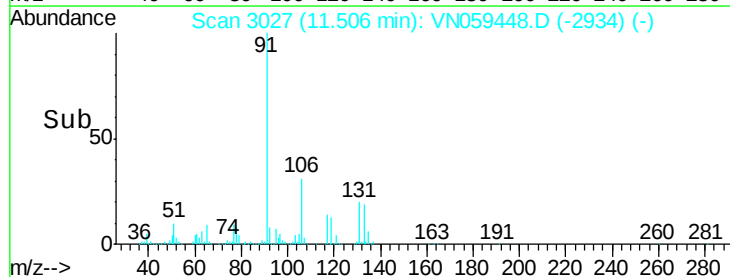
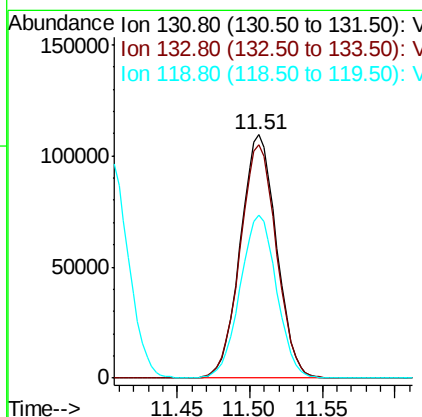
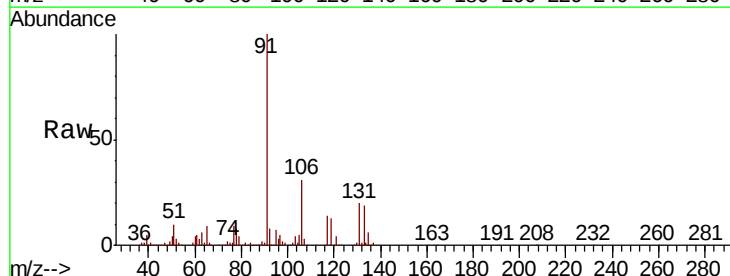
Manual Integrations
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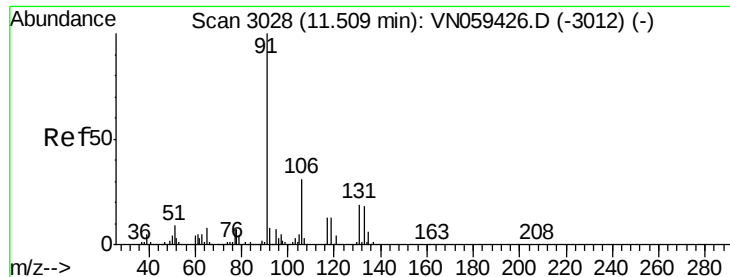
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.360 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.2	144.6
119	67.6	33.8	101.3





#67

Ethyl Benzene

Concen: 49.886 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 930566

Ion Ratio Lower Upper

91 100

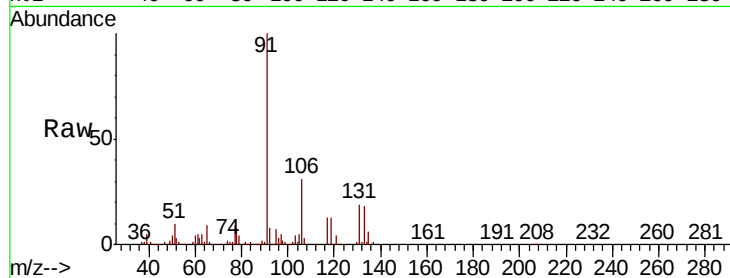
106 31.3 24.7 37.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN059448.D (-2935) (-)

Ion 106.00 (105.70 to 106.70): VN059448.D (-2935) (-)

800000

600000

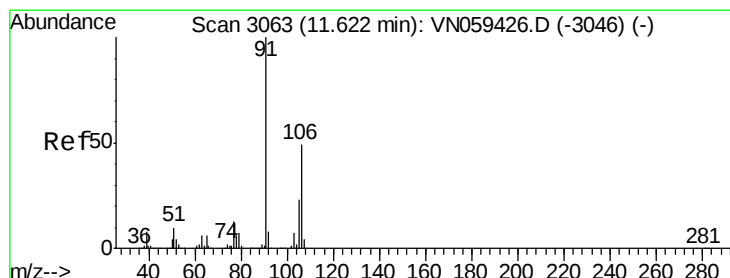
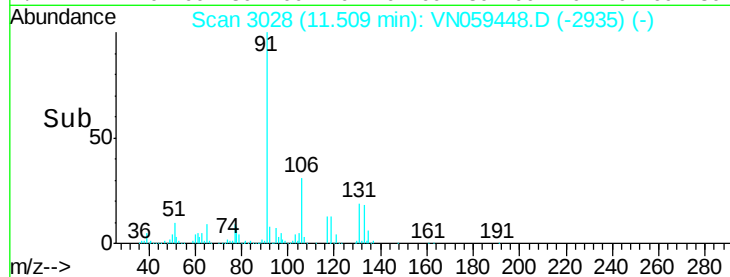
400000

200000

0

11.45 11.50 11.55 11.60

Time-->



#68

m/p-Xylenes

Concen: 99.920 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059448.D

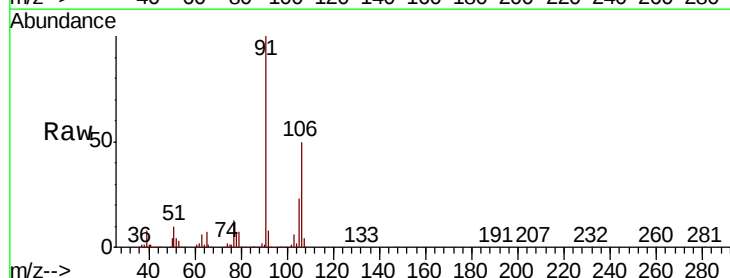
Acq: 29 Nov 2019 15:07

Tgt Ion: 106 Resp: 695898

Ion Ratio Lower Upper

106 100

91 202.3 163.7 245.5



Abundance Ion 106.00 (105.70 to 106.70): VN059448.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN059448.D (-2970) (-)

800000

600000

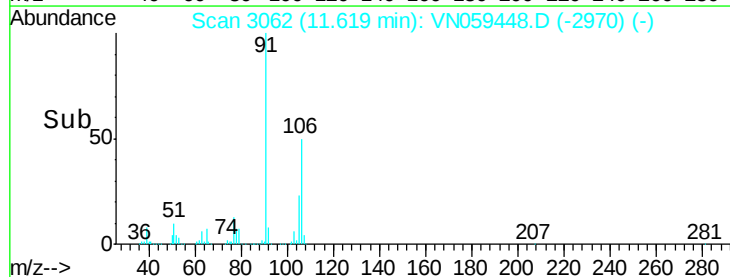
400000

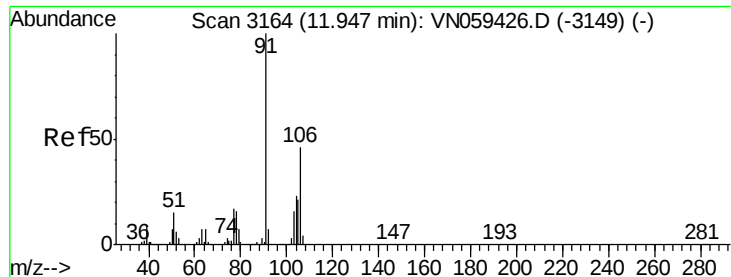
200000

0

11.50 11.60 11.70

Time-->





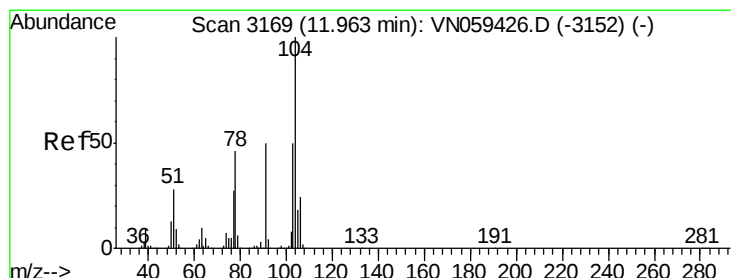
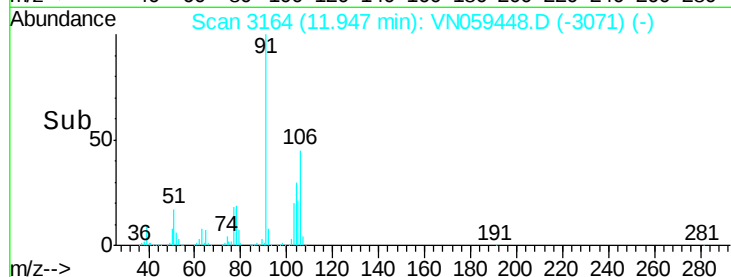
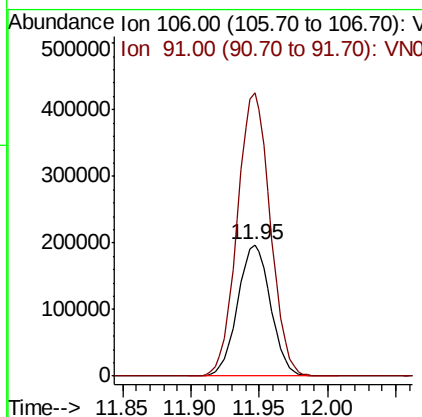
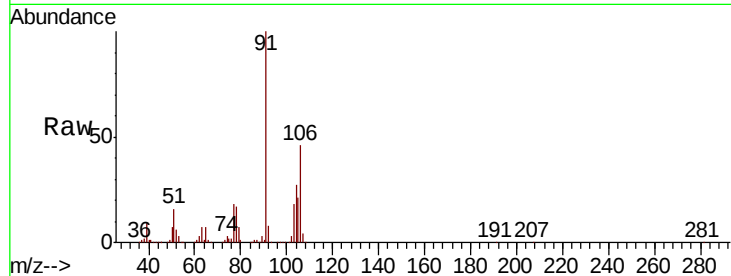
#69
o-Xylene
Concen: 49.397 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	216.1	107.5	322.4	

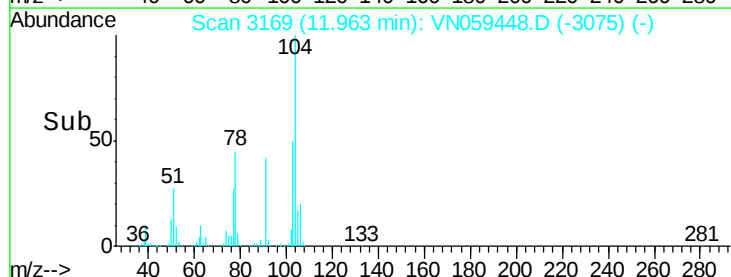
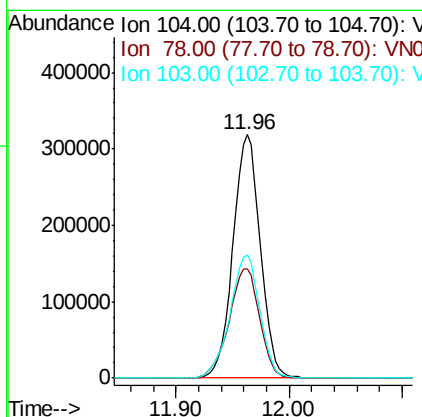
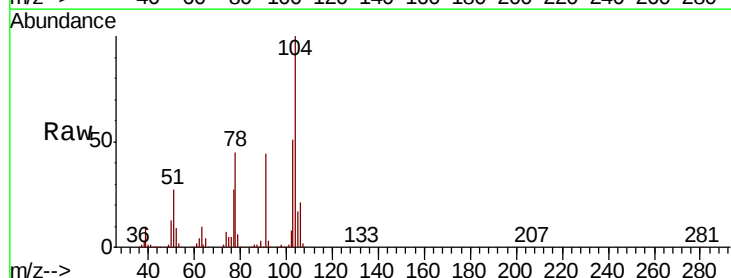
Manual Integrations
APPROVED

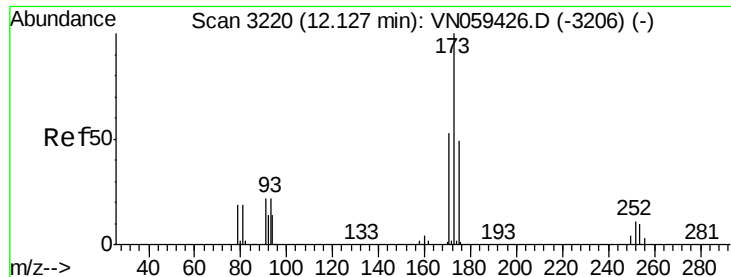
apatel
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#70
Styrene
Concen: 53.193 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.4	40.4	60.6	
103	55.2	43.8	65.6	





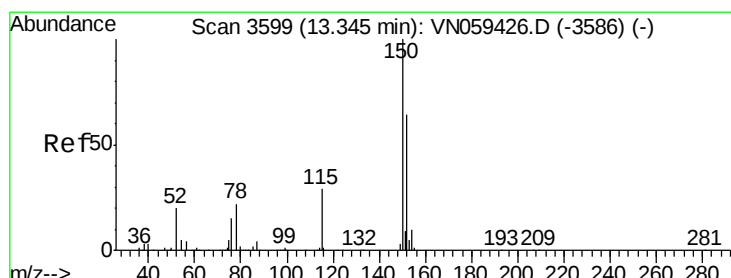
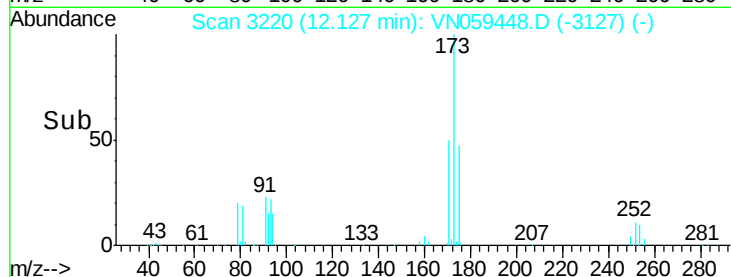
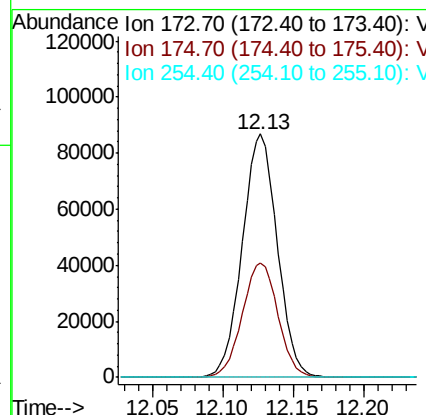
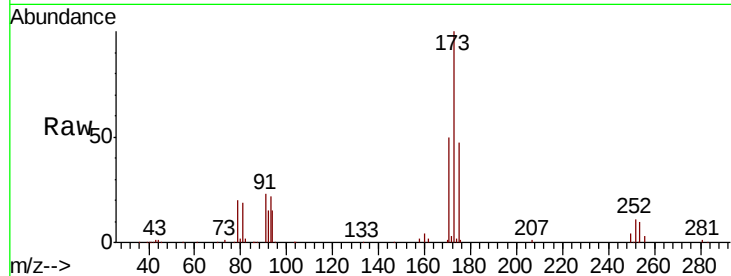
#71
Bromoform
Concen: 51.557 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.3
254	0.0	0.0	0.0

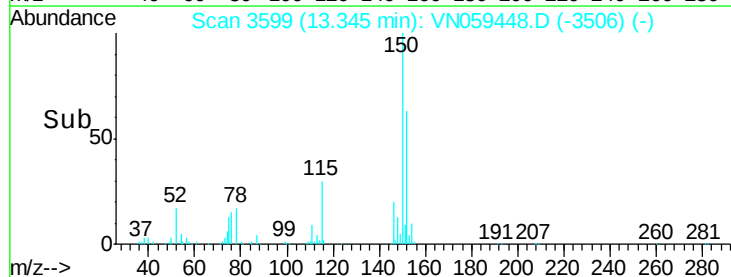
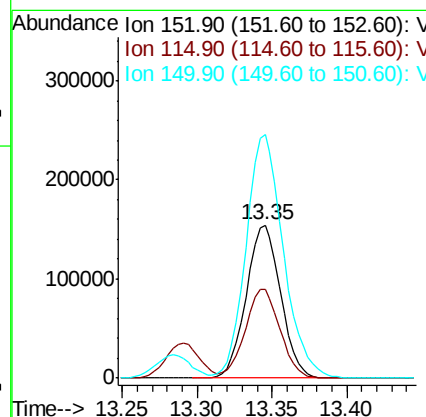
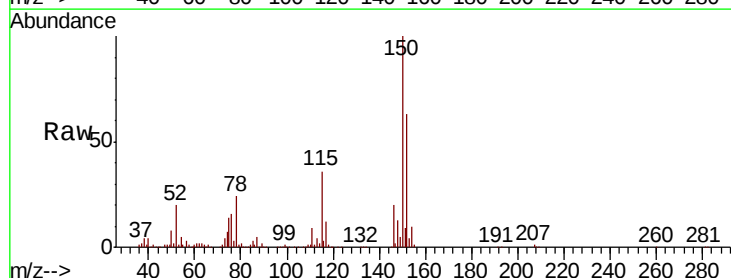
Manual Integrations
APPROVED

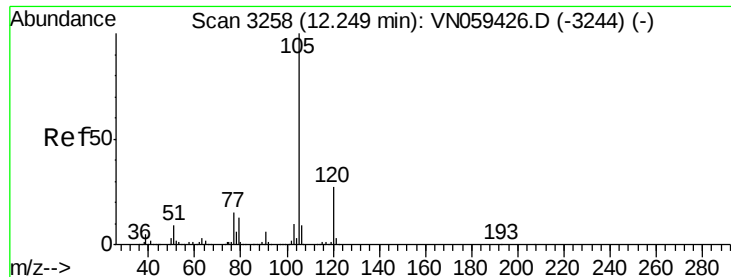
apatel
12/2/2019 10:38:58 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.5	88.6
150	172.8	0.0	347.2





#73

Isopropylbenzene

Concen: 48.736 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 890481

Ion Ratio Lower Upper

105 100

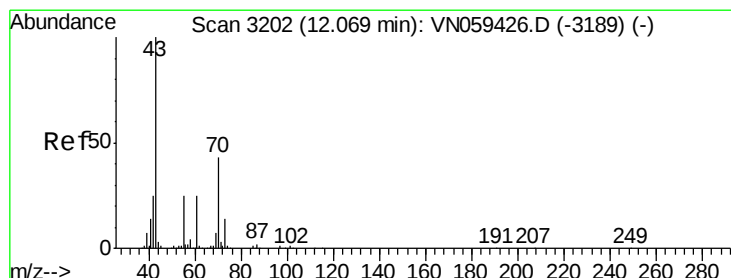
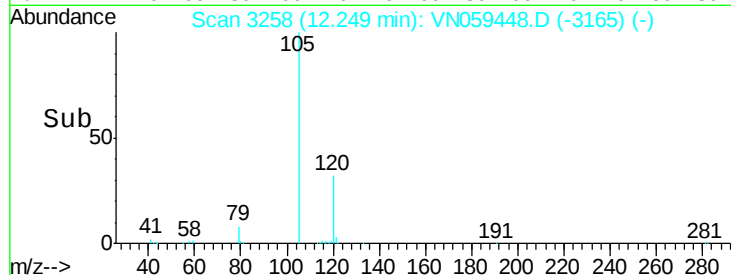
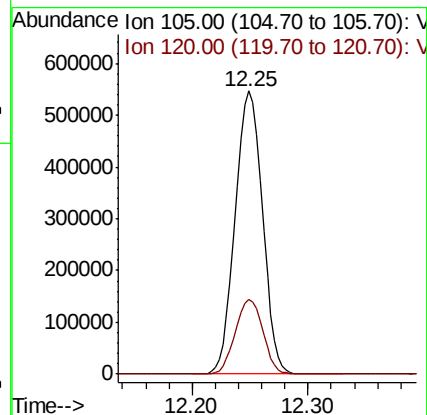
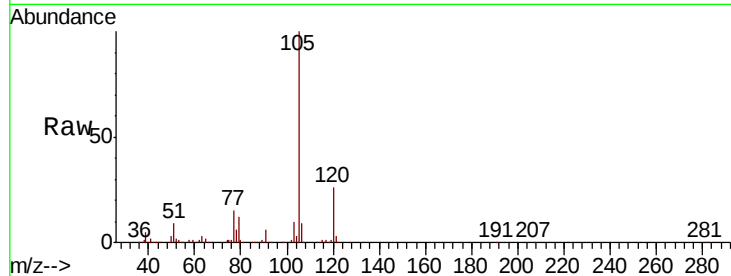
120 26.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.198 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion: 43 Resp: 352874

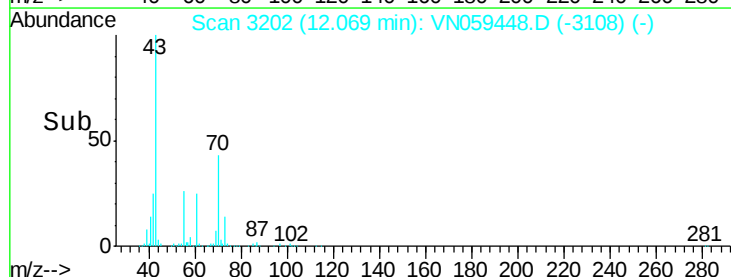
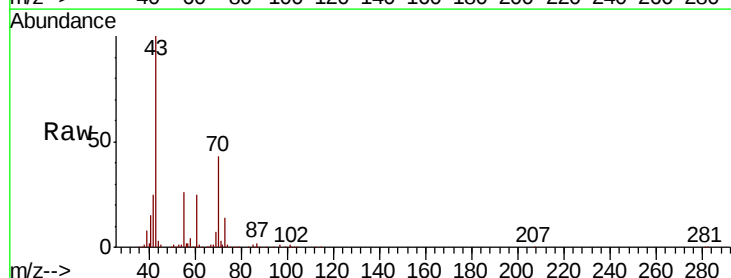
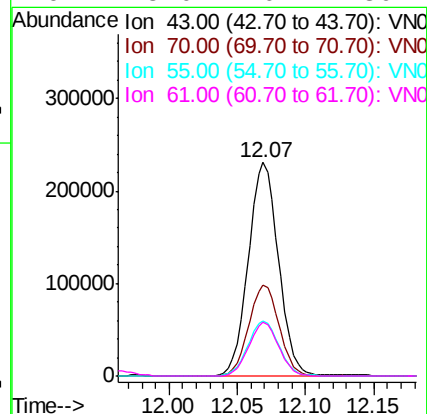
Ion Ratio Lower Upper

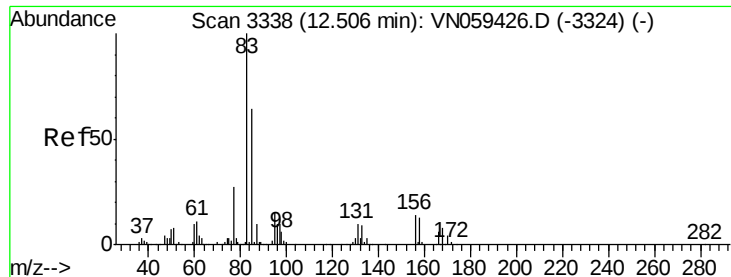
43 100

70 43.4 34.6 52.0

55 26.5 20.5 30.7

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.270 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

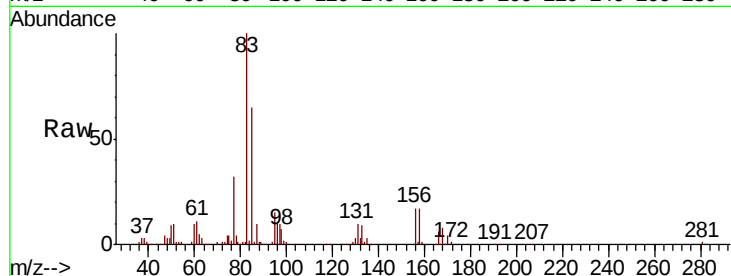
ClientSampleId :

VSTDCCC050EC

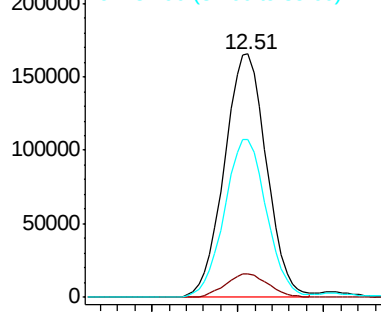
Tot Ion:	83	Resp:	281659
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.6	32.3	96.9

Manual Integrations
APPROVED

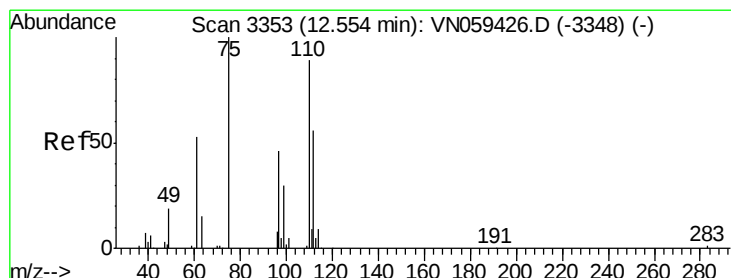
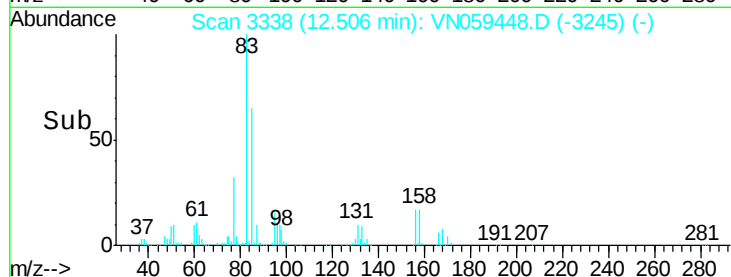
apatel
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Abundance Ion 82.90 (82.60 to 83.60): VN059448.D (-3245) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 49.205 ug/l m

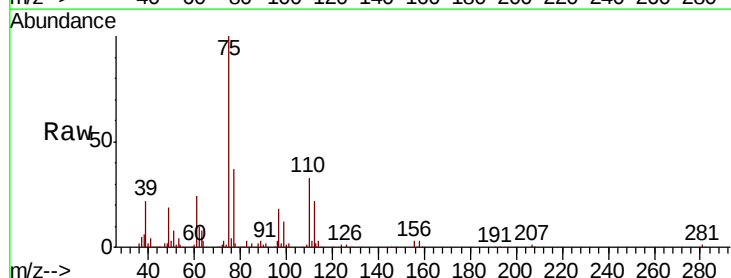
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

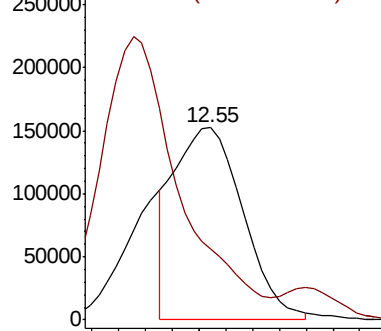
Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

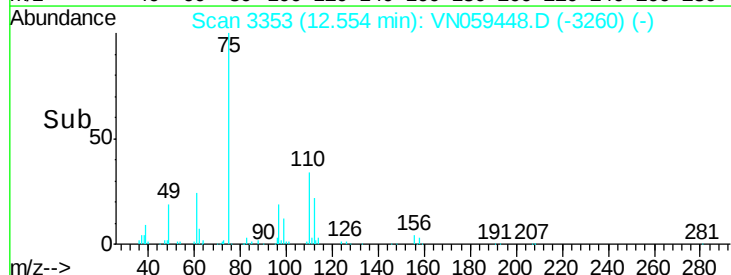
Tgt Ion:	75	Resp:	274551
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

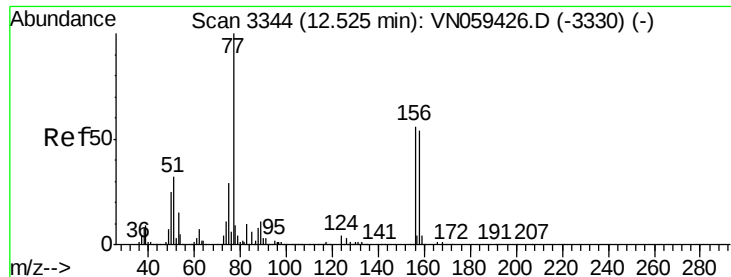


Abundance Ion 74.90 (74.60 to 75.60): VN059448.D (-3260) (-)



Time-->





#77

Bromobenzene

Concen: 48.142 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

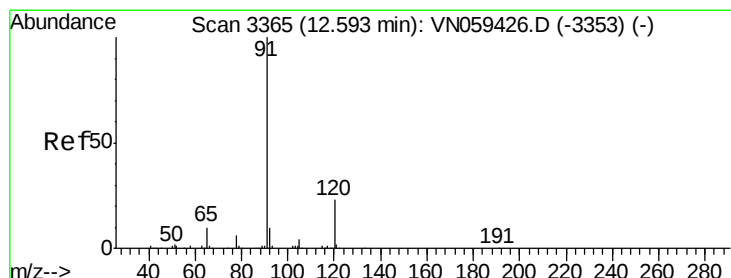
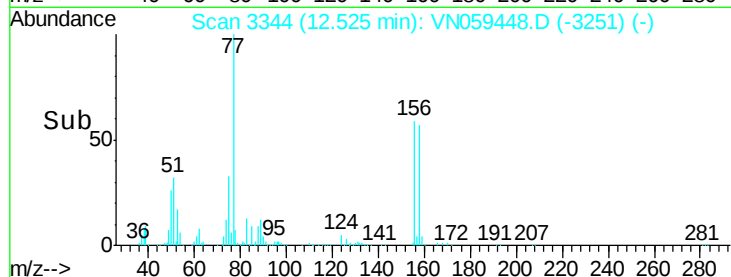
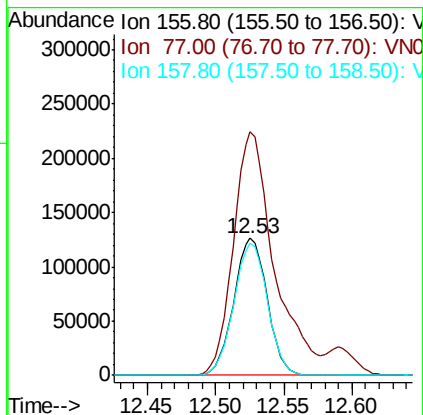
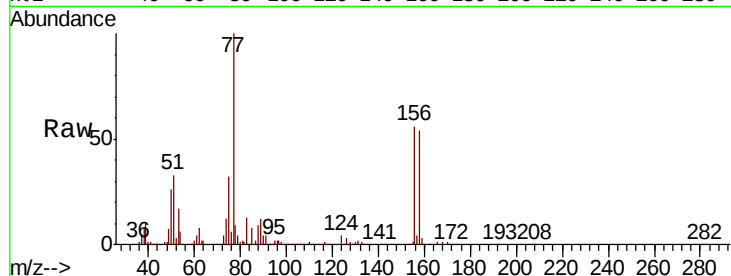
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	215359
Ion Ratio	Lower	Upper	
156	100		
77	216.9	108.7	326.3
158	96.8	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 49.160 ug/l

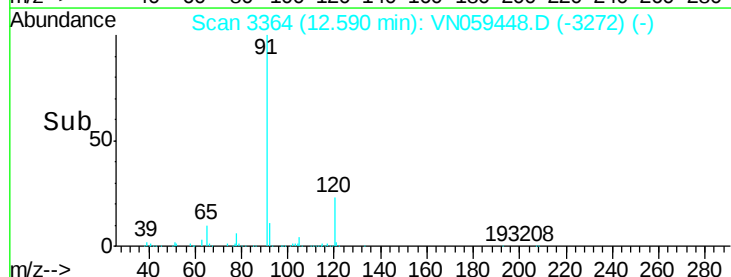
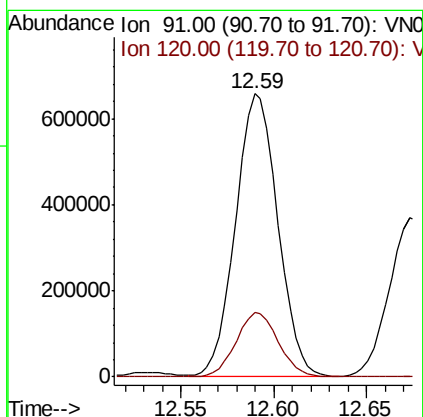
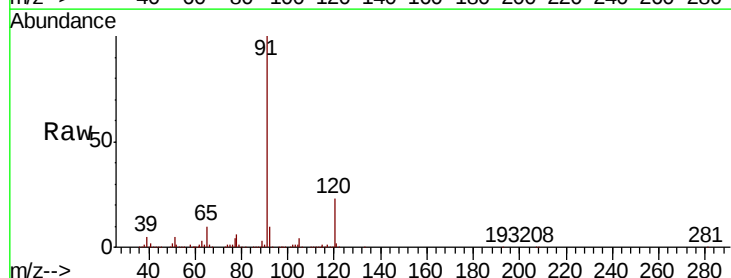
RT: 12.59 min Scan# 3364

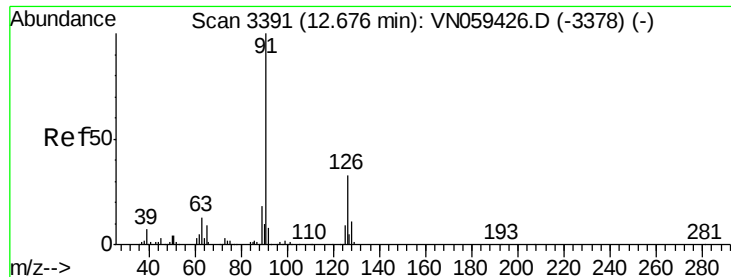
Delta R.T. -0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion:	91	Resp:	1035097
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 48.233 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 607168

Ion Ratio Lower Upper

91 100

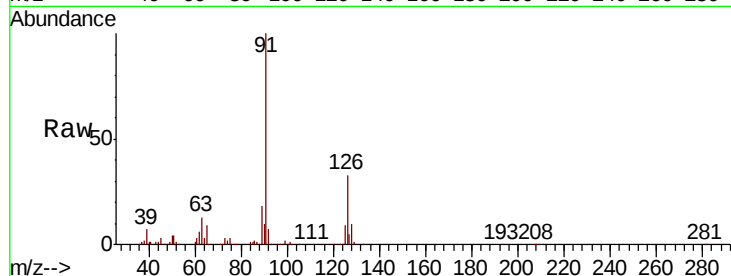
126 33.7 16.7 50.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN059448.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN059448.D (-3390) (-)

500000

400000

300000

200000

100000

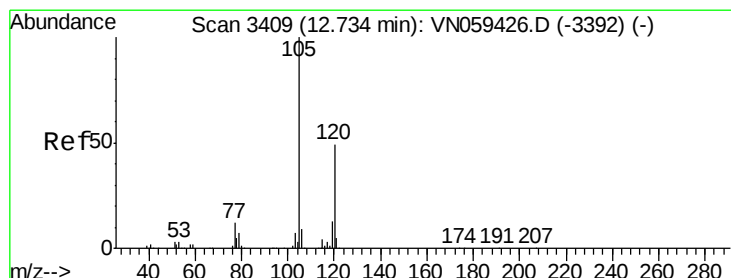
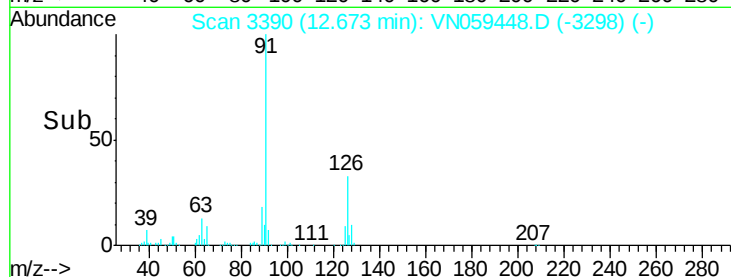
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.764 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059448.D

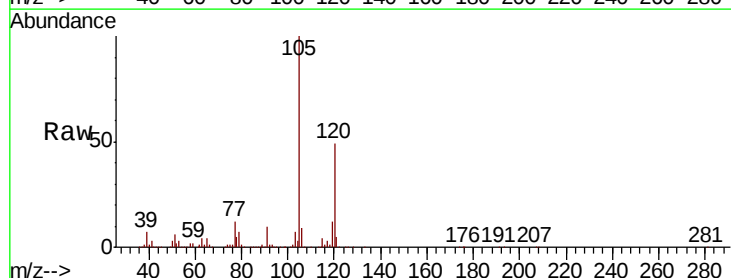
Acq: 29 Nov 2019 15:07

Tgt Ion: 105 Resp: 748960

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VN059448.D (-3409) (-)

Ion 120.00 (119.70 to 120.70): VN059448.D (-3409) (-)

500000

400000

300000

200000

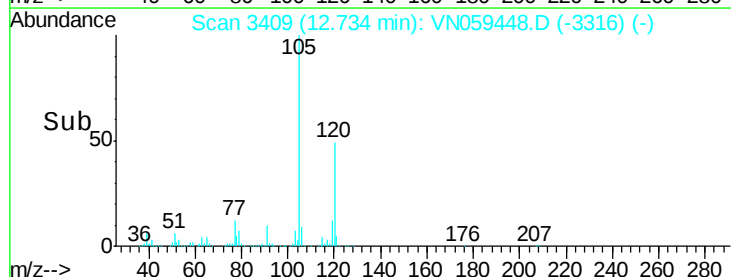
100000

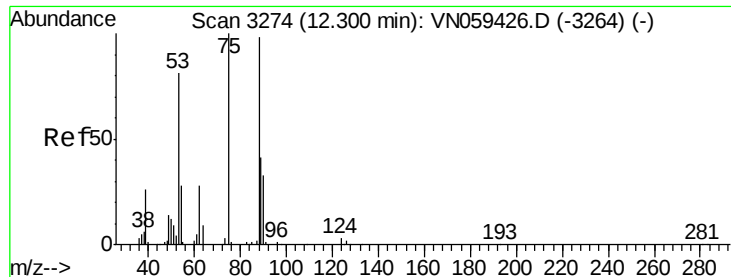
0

12.70

12.80

Time-->





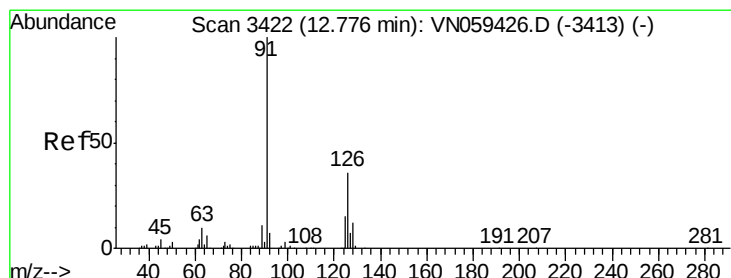
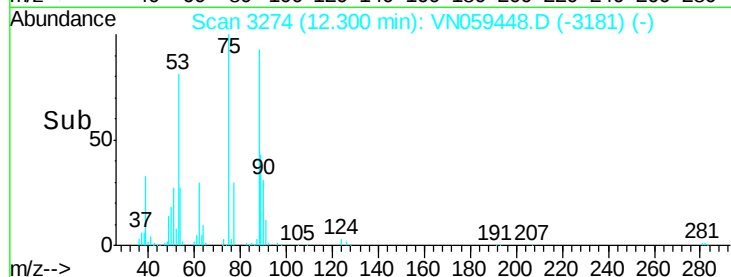
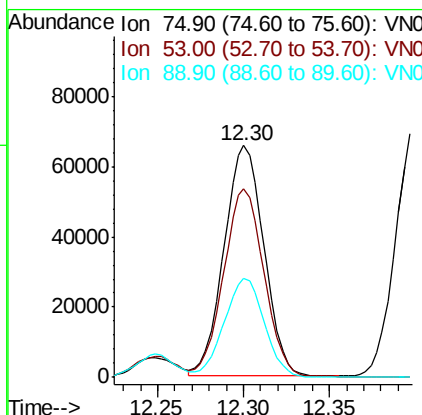
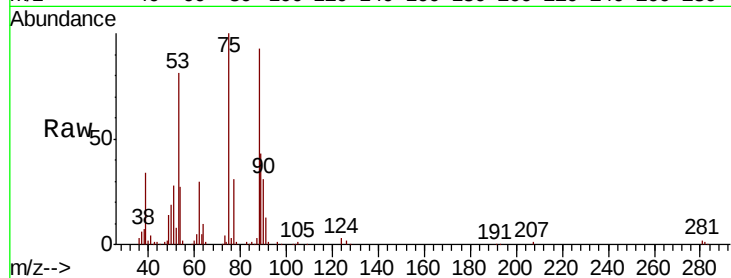
#81
trans-1,4-Dichloro-2-butene
Concen: 49.009 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.0	66.2	99.4
89	43.2	33.9	50.9

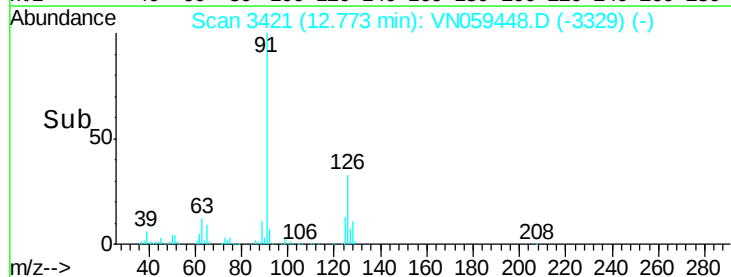
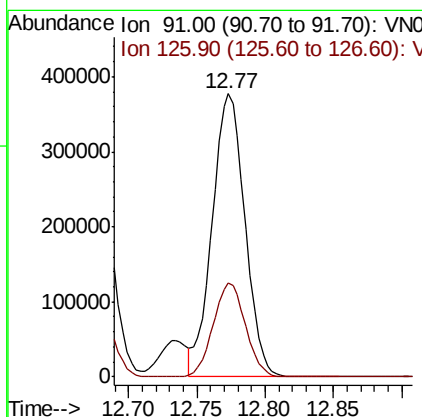
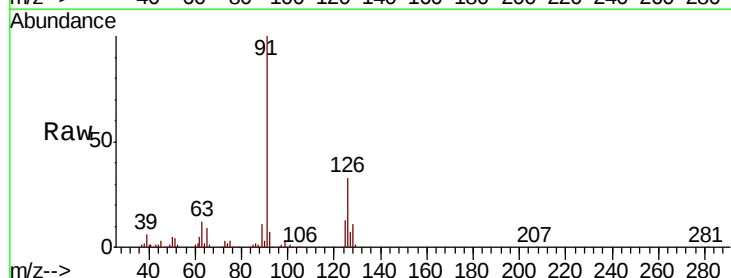
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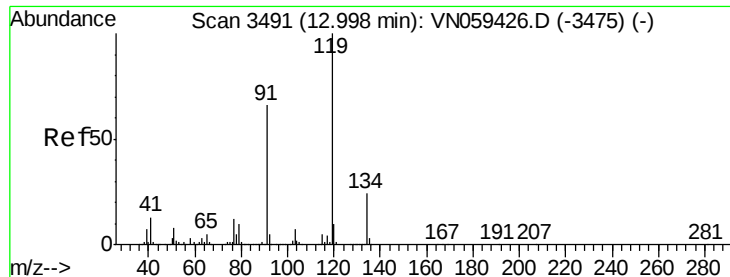
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#82
4-Chlorotoluene
Concen: 48.397 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.7	50.0





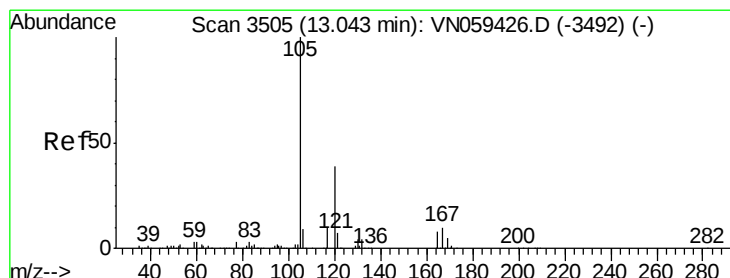
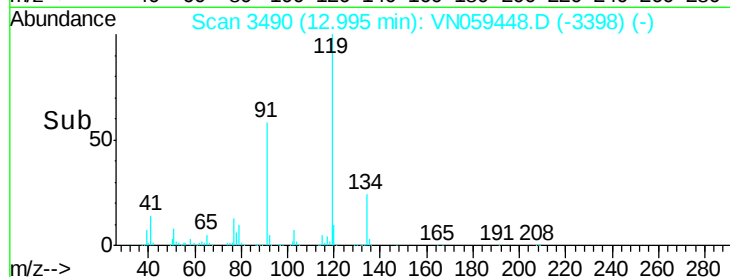
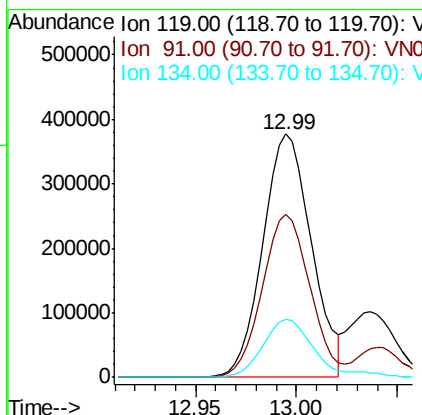
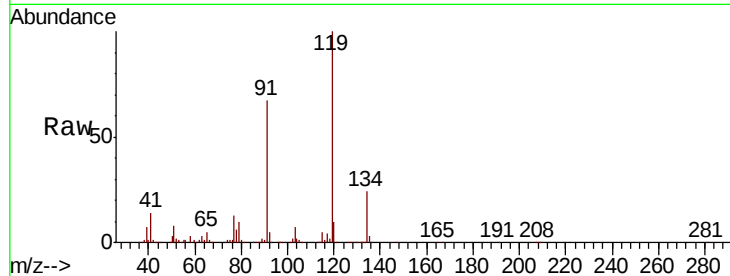
#83
tert-Butylbenzene
Concen: 48.057 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	32.8	98.4
134	25.5	12.9	38.6

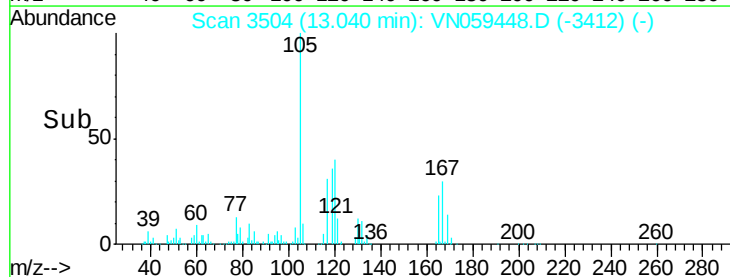
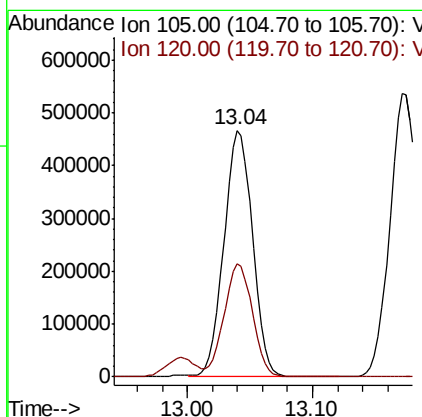
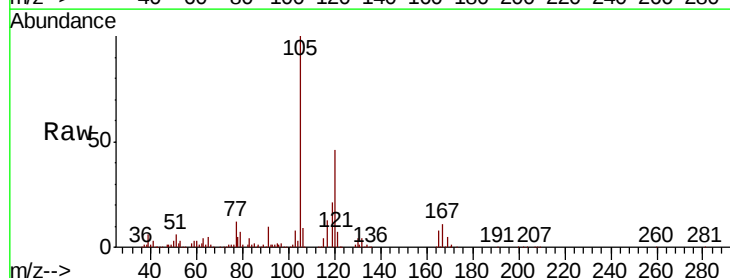
Manual Integrations
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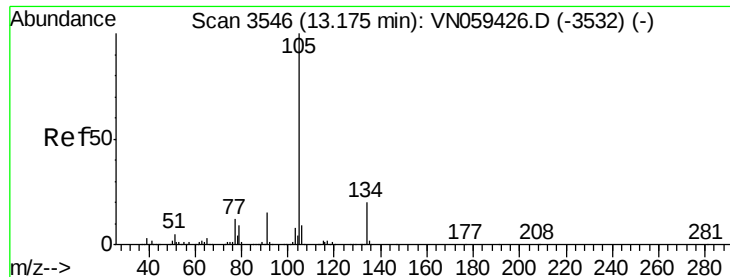
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#84
1,2,4-Trimethylbenzene
Concen: 48.944 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.7





#85

sec-Butylbenzene

Concen: 49.170 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 861141

Ion Ratio Lower Upper

105 100

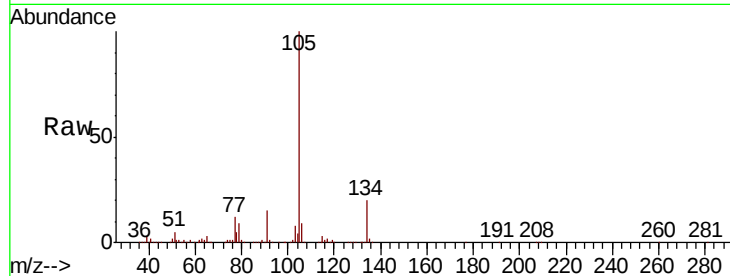
134 19.9 9.9 29.7

Manual Integrations

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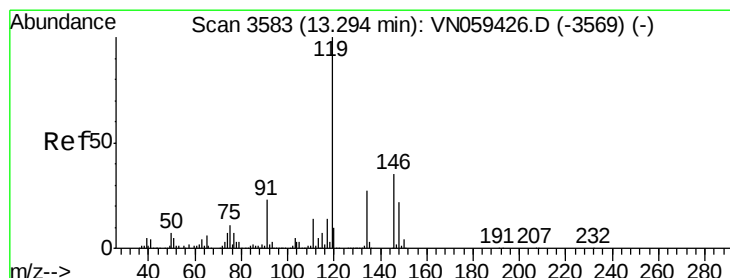
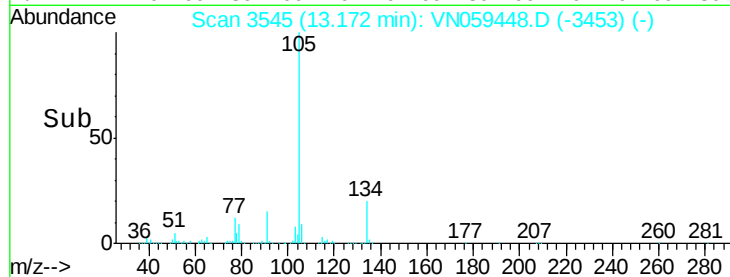
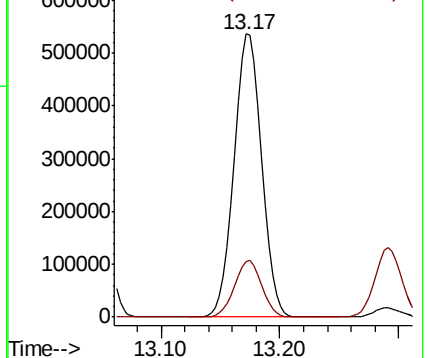
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.015 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

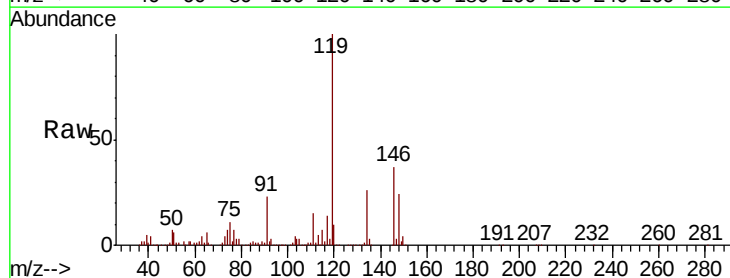
Tgt Ion:119 Resp: 776039

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

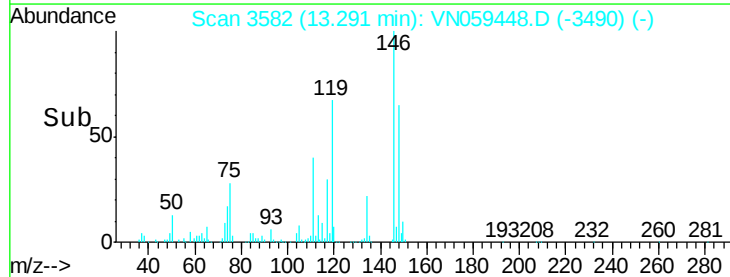
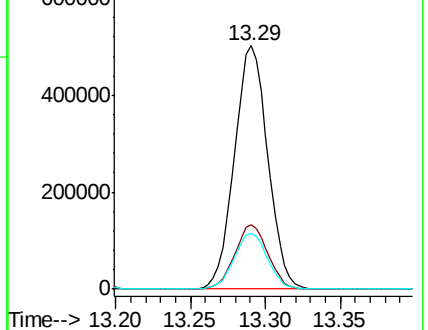
91 22.9 11.5 34.4

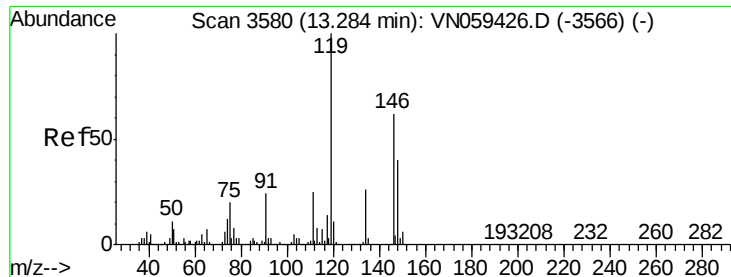


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.659 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Instrument :

MSVOA_N

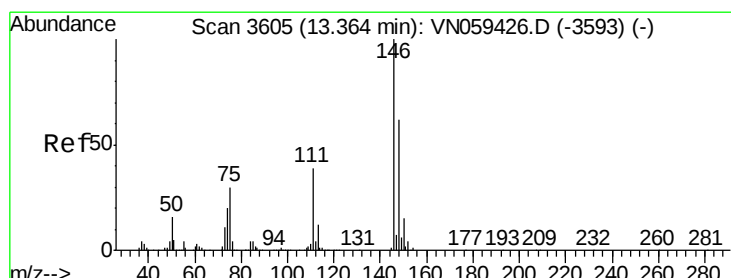
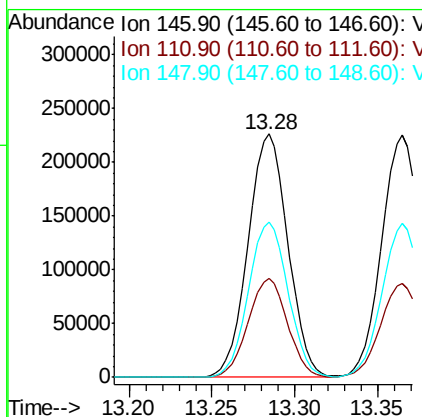
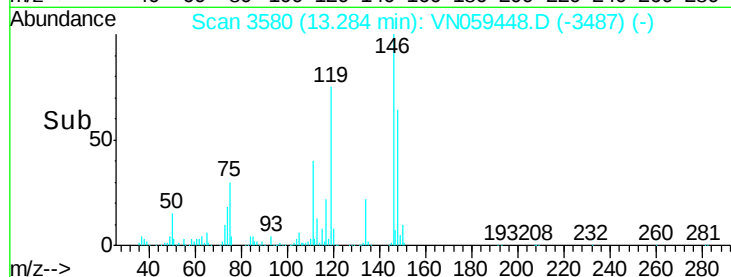
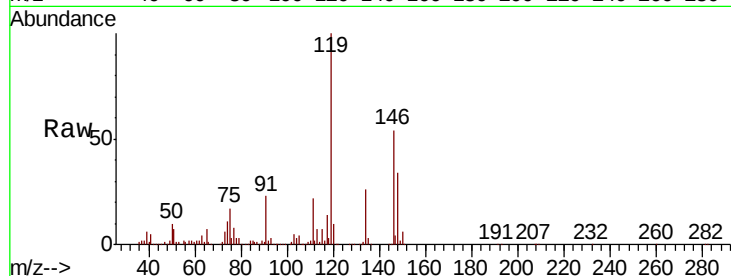
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	377830
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.4	61.2
148	63.5	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.768 ug/l

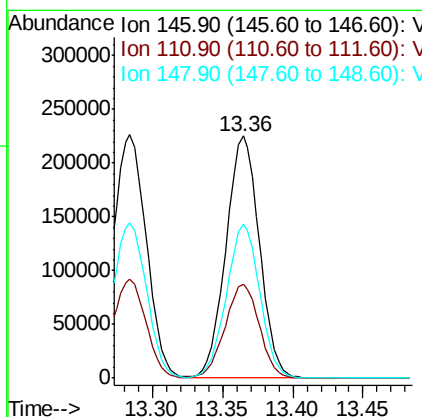
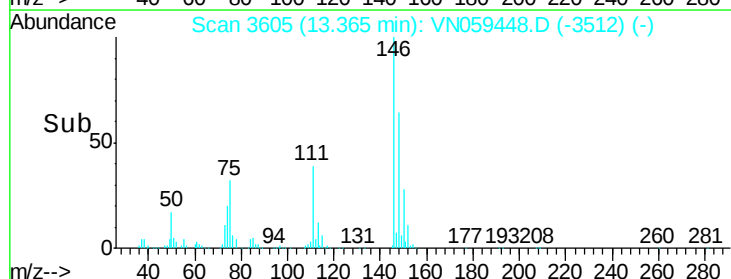
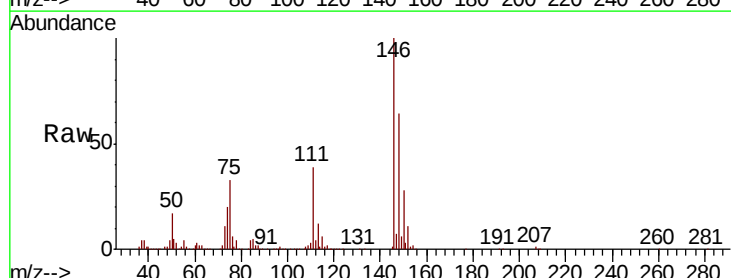
RT: 13.36 min Scan# 3605

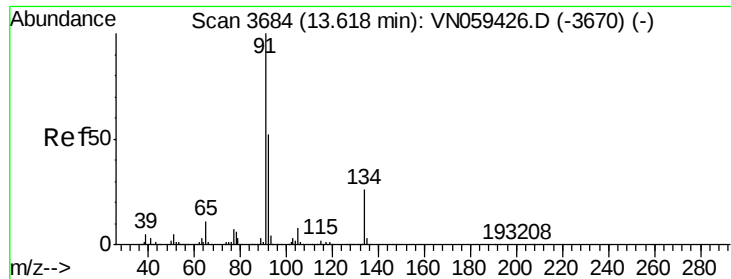
Delta R.T. 0.00 min

Lab File: VN059448.D

Acq: 29 Nov 2019 15:07

Tgt Ion:	146	Resp:	372229
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.7
148	63.4	31.6	95.0





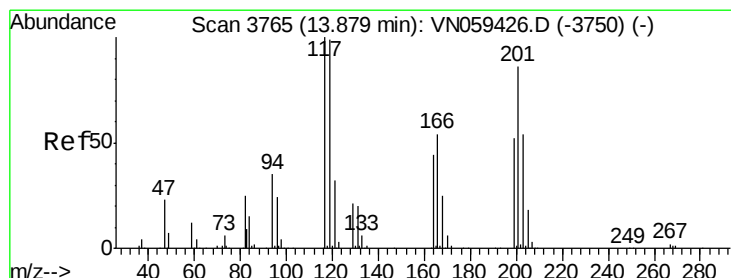
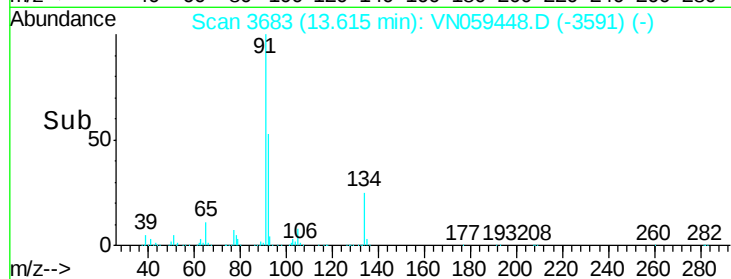
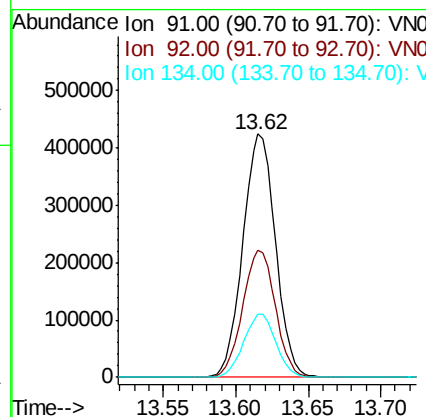
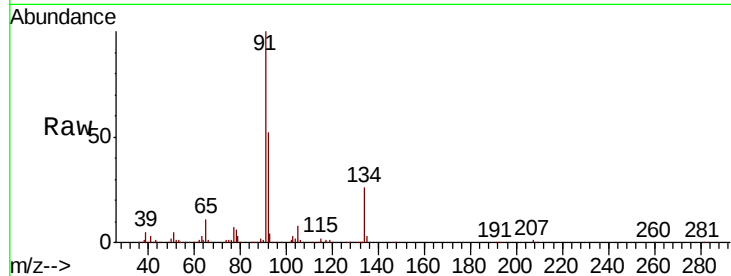
#89
n-Butylbenzene
Concen: 48.001 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	52.4	25.9	77.8	
134	25.7	12.8	38.4	

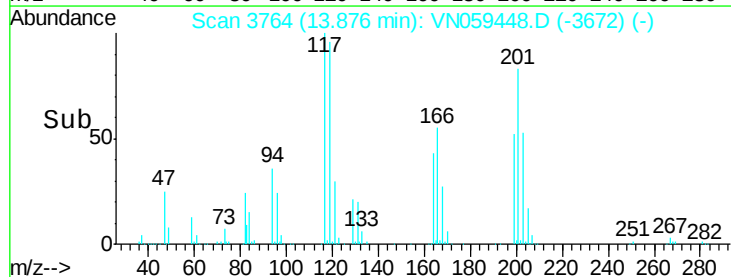
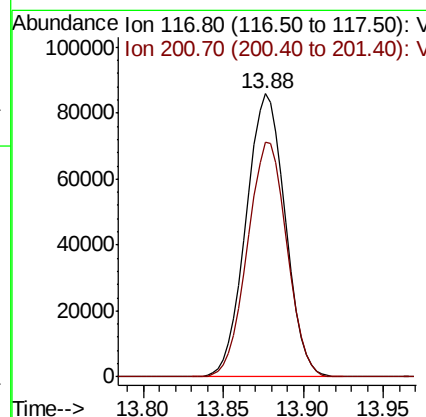
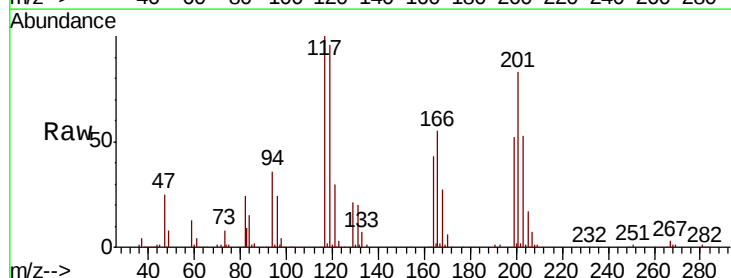
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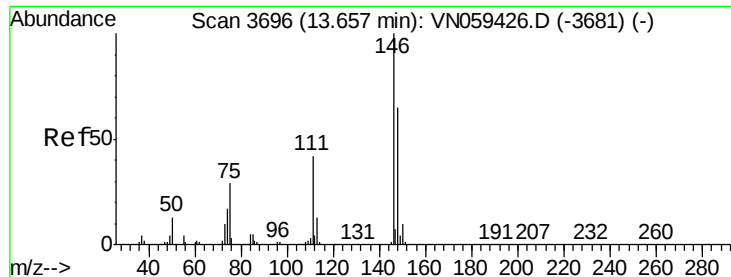
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#90
Hexachloroethane
Concen: 47.350 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	83.7	42.1	126.4	





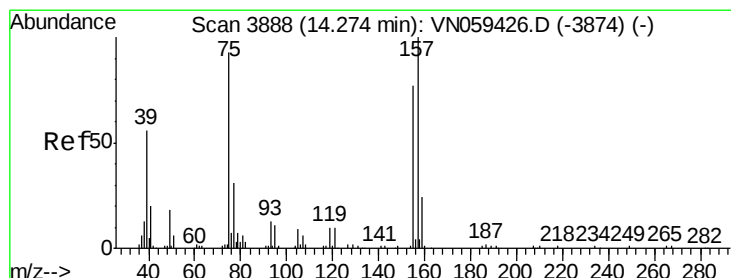
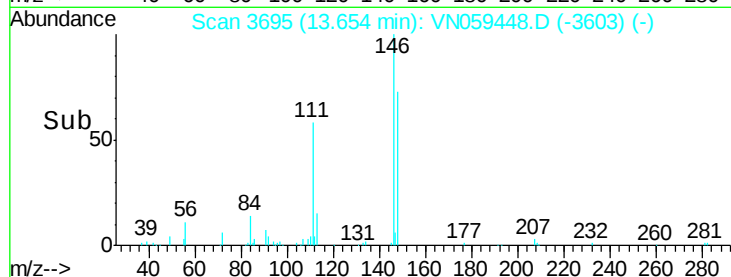
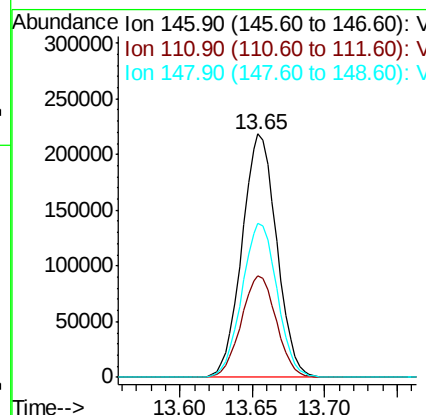
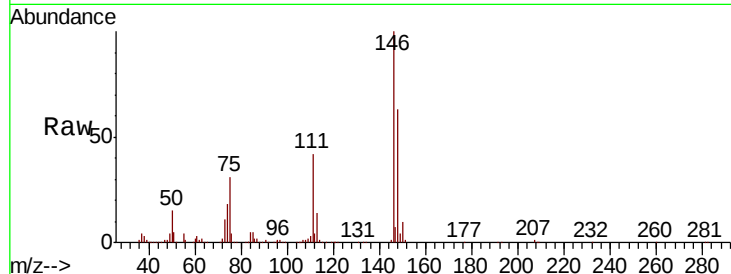
#91
 1,2-Dichlorobenzene
 Concen: 46.743 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.7
148	64.3	32.0	96.2

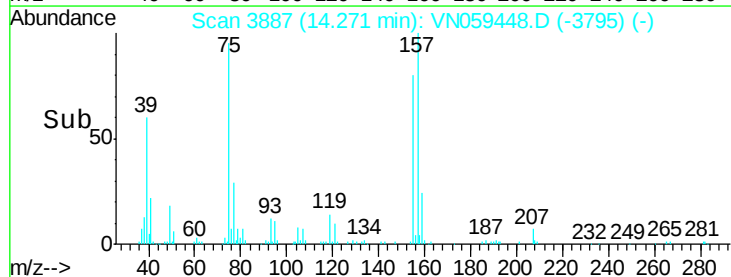
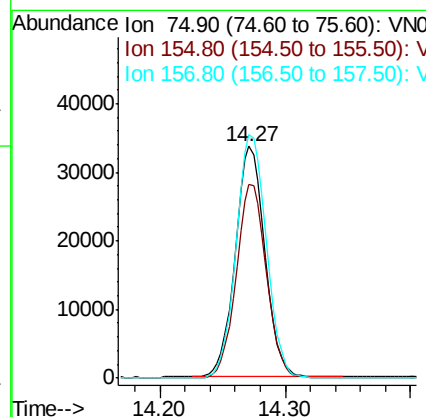
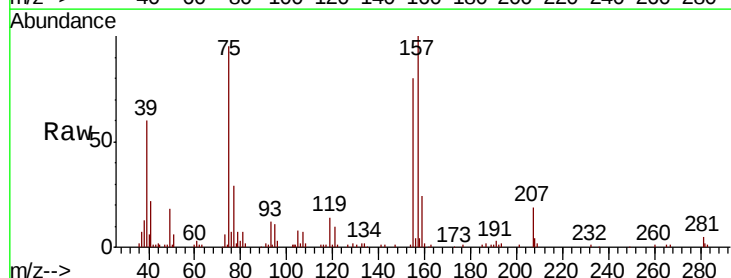
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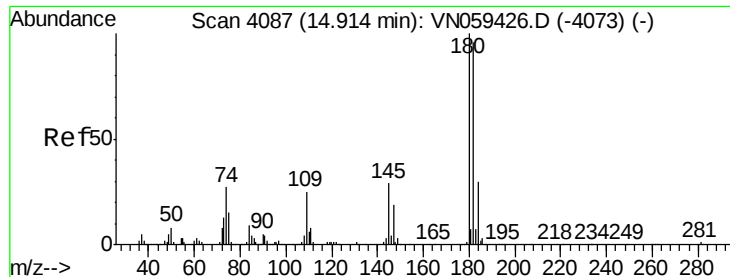
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.388 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059448.D
 Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.5	41.9	125.8
157	108.2	54.1	162.3





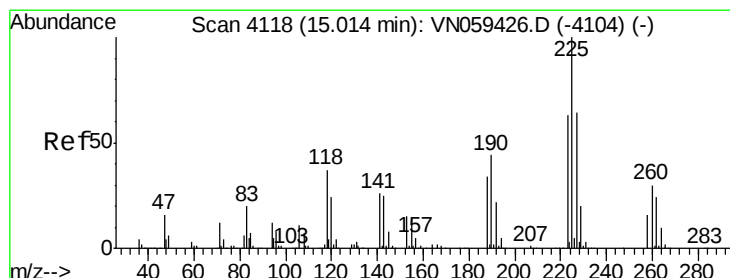
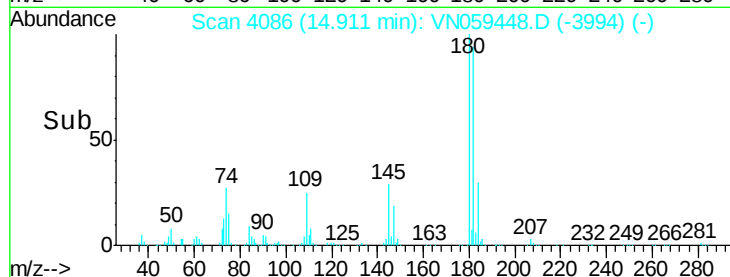
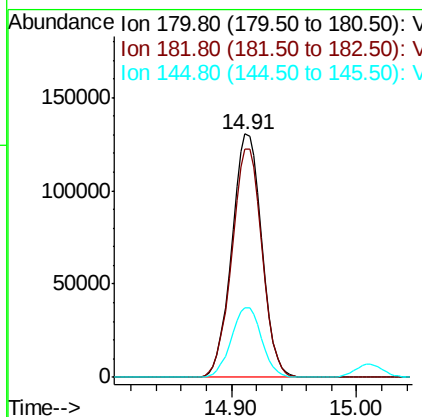
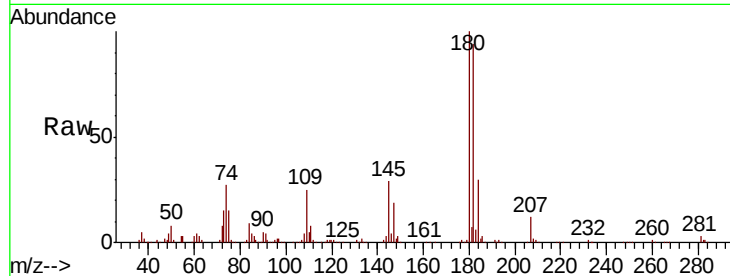
#93
1,2,4-Trichlorobenzene
Concen: 44.716 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215925		
182	94.6	47.3	142.0	
145	28.9	14.8	44.4	

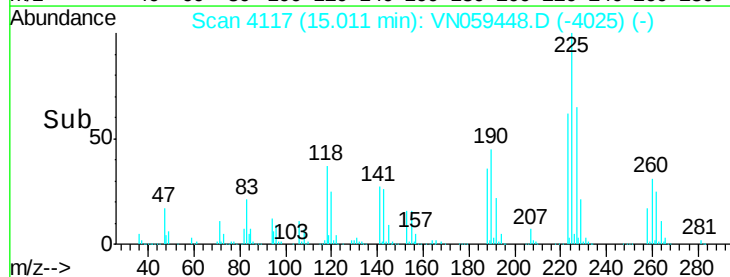
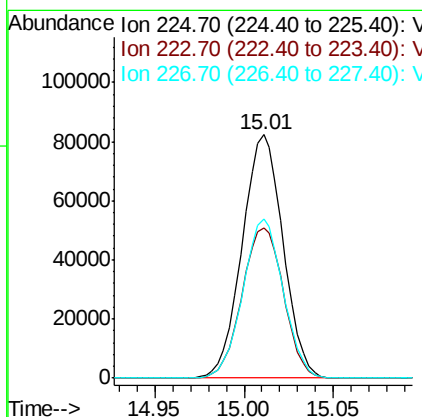
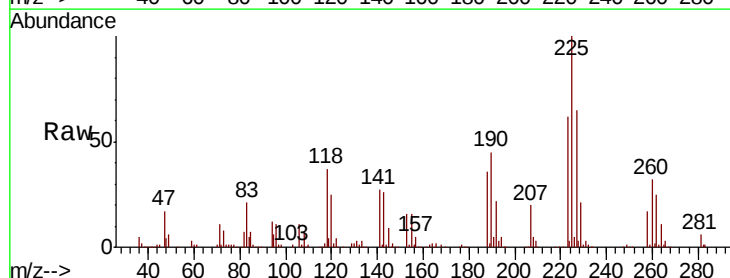
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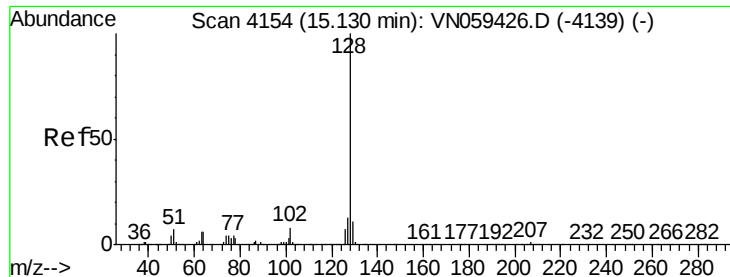
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#94
Hexachlorobutadiene
Concen: 44.602 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131989		
223	62.9	31.5	94.5	
227	64.2	31.9	95.7	





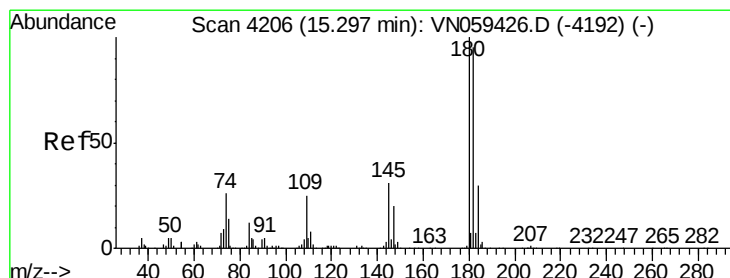
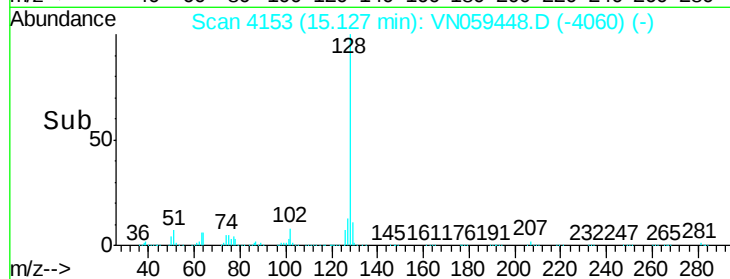
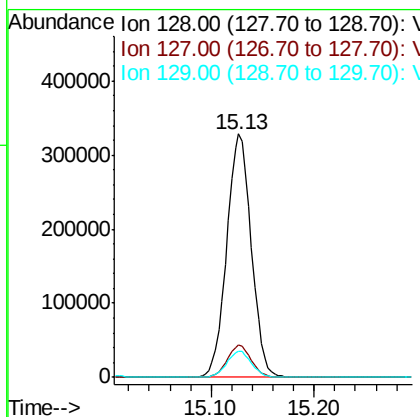
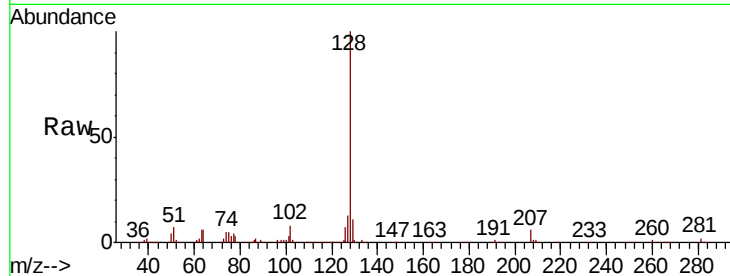
#95
Naphthalene
Concen: 50.673 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.8	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.701 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059448.D
Acq: 29 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	31.3	15.7	47.1

