

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013733.D
 Acq On : 03 Dec 2019 18:31
 Operator : JC/SP
 Sample : K5984-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Manual Integrations
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 12/4/2019 1:52:29 PM

Quant Time: Dec 04 02:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	639292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	994465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	898557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	447207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	360213	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	301437	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	1137085	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	409064	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	346829	48.741	ug/l	97
3) Chloromethane	1.32	50	370606	46.417	ug/l	99
4) Vinyl Chloride	1.40	62	457101	50.865	ug/l	99
5) Bromomethane	1.63	94	236137	39.127	ug/l	99
6) Chloroethane	1.71	64	243900	47.695	ug/l	96
7) Trichlorofluoromethane	1.92	101	488468	48.951	ug/l	98
8) Diethyl Ether	2.18	74	223840	49.583	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	290026	47.583	ug/l	98
10) Methyl Iodide	2.50	142	313129	42.470	ug/l	99
11) Tert butyl alcohol	3.03	59	401732	219.325	ug/l	98
12) 1,1-Dichloroethene	2.36	96	299543	49.235	ug/l	99
13) Acrolein	2.28	56	272450	223.075	ug/l	100
14) Allyl chloride	2.72	41	540688	48.972	ug/l	99
15) Acrylonitrile	3.13	53	937273	247.896	ug/l	99
16) Acetone	2.43	43	784688	214.178	ug/l	99
17) Carbon Disulfide	2.56	76	805989	46.472	ug/l	100
18) Methyl Acetate	2.76	43	516898	50.666	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1016012	50.411	ug/l	100
20) Methylene Chloride	2.85	84	339491	48.233	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	321503	48.508	ug/l	99
22) Diisopropyl ether	3.84	45	1081967	50.893	ug/l	97
23) Vinyl Acetate	3.80	43	4334078	245.061	ug/l	100
24) 1,1-Dichloroethane	3.69	63	585239	50.357	ug/l	99
25) 2-Butanone	4.66	43	1311725	240.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	427566	44.466	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	371091	48.755	ug/l	98
28) Bromochloromethane	5.00	49	247910	53.980	ug/l	100
29) Tetrahydrofuran	5.11	42	843442	251.275	ug/l	100
30) Chloroform	5.20	83	569120	48.286	ug/l	99
31) Cyclohexane	5.57	56	526675	48.047	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	490422	49.792	ug/l	100
36) 1,1-Dichloropropene	5.79	75	431006	47.745	ug/l	99
37) Ethyl Acetate	4.82	43	496058	48.983	ug/l	100
38) Carbon Tetrachloride	5.78	117	417960	50.212	ug/l	99

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Quant Time: Dec 04 02:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	522604	46.835	ug/l	98
40) Benzene	6.14	78	1327387	48.279	ug/l	99
41) Methacrylonitrile	5.03	41	282470	50.859	ug/l	99
42) 1,2-Dichloroethane	6.18	62	465013	49.593	ug/l	99
43) Isopropyl Acetate	6.43	43	804201	48.235	ug/l	100
44) Trichloroethene	7.21	130	359007	47.578	ug/l	95
45) 1,2-Dichloropropane	7.51	63	343912	49.995	ug/l	99
46) Dibromomethane	7.65	93	225580	48.283	ug/l	99
47) Bromodichloromethane	7.89	83	452197	51.199	ug/l	98
48) Methyl methacrylate	7.76	41	415848	51.334	ug/l	99
49) 1,4-Dioxane	7.73	88	155318	856.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2605731	248.462	ug/l	100
52) Toluene	8.78	92	843486	49.383	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	497166	49.453	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	548975	49.982	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	344036	49.983	ug/l	98
56) Ethyl methacrylate	9.17	69	555447	50.193	ug/l	100
57) 1,3-Dichloropropane	9.37	76	577251	48.655	ug/l	100
59) 2-Hexanone	9.49	43	1984620	242.636	ug/l	100
60) Dibromochloromethane	9.58	129	364552	51.035	ug/l	100
61) 1,2-Dibromoethane	9.67	107	361465	49.170	ug/l	98
64) Tetrachloroethene	9.33	164	393548	58.731	ug/l	99
65) Chlorobenzene	10.14	112	900719	48.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	337897	50.439	ug/l	99
67) Ethyl Benzene	10.24	91	1578399	49.236	ug/l	98
68) m/p-Xylenes	10.35	106	1204691	98.153	ug/l	100
69) o-Xylene	10.70	106	590588	49.337	ug/l	99
70) Styrene	10.71	104	1016986	50.505	ug/l	99
71) Bromoform	10.85	173	282362	50.940	ug/l	98
73) Isopropylbenzene	11.01	105	1560900	49.758	ug/l	100
74) N-amyl acetate	10.89	43	714861	49.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	549705	50.529	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	418679m	41.625	ug/l	
77) Bromobenzene	11.25	156	410169	48.399	ug/l	99
78) n-propylbenzene	11.35	91	1763649	50.363	ug/l	100
79) 2-Chlorotoluene	11.42	91	1038200	49.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1334413	51.902	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	177617	48.310	ug/l	99
82) 4-Chlorotoluene	11.51	91	1184808	48.697	ug/l	99
83) tert-Butylbenzene	11.77	119	1342959	51.397	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1405433	53.861	ug/l	100
85) sec-Butylbenzene	11.94	105	1541069	51.635	ug/l	99
86) p-Isopropyltoluene	12.06	119	1398766	50.379	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	714869	48.391	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	709104	47.126	ug/l	100
89) n-Butylbenzene	12.38	91	1190939	50.291	ug/l	99
90) Hexachloroethane	12.59	117	258049	51.418	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	715355	49.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	118958	50.213	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	484650	47.644	ug/l	98

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ClientSampleId :
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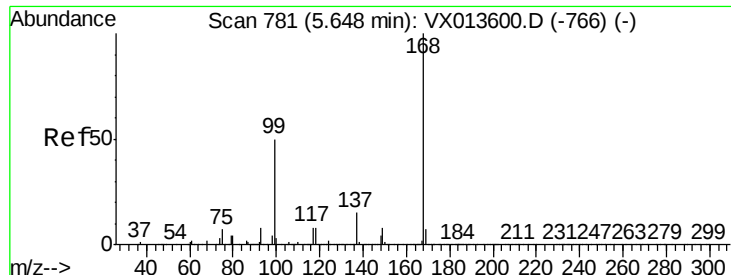
Manual Integrations
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Quant Time: Dec 04 02:55:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	220021	45.025	ug/l	100
95) Naphthalene	13.83	128	1580650	52.177	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	487800	48.432	ug/l	99

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



#1

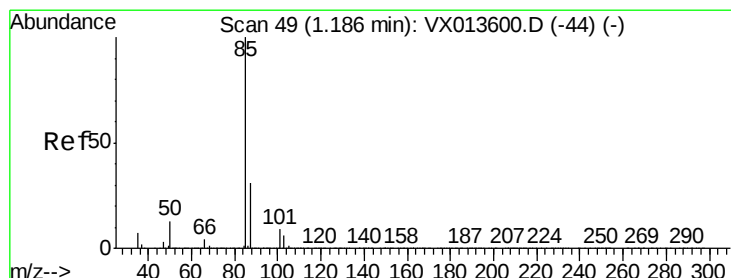
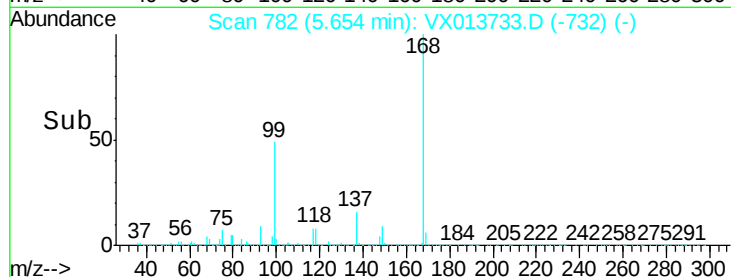
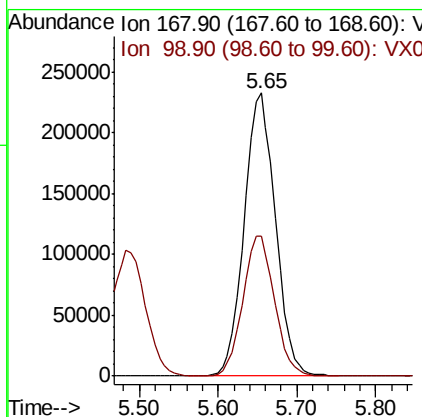
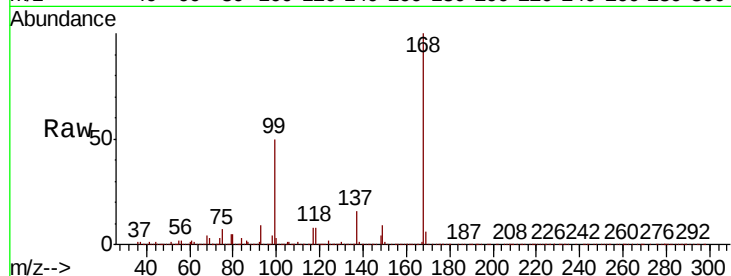
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.8	59.8

Manual Integrations
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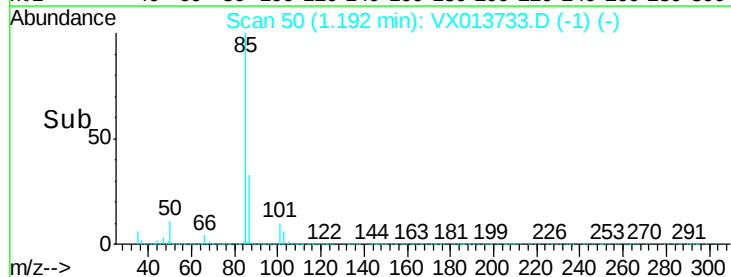
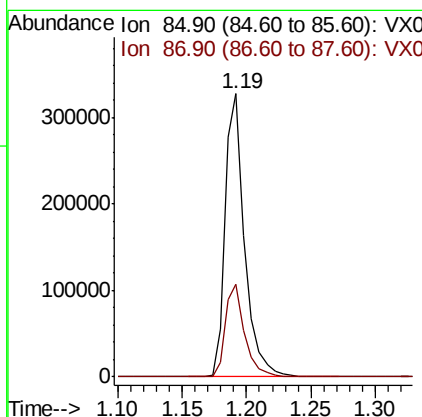
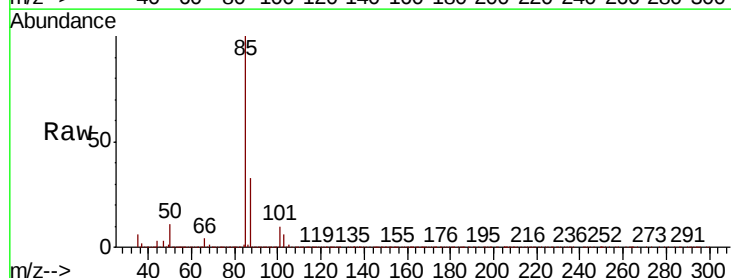
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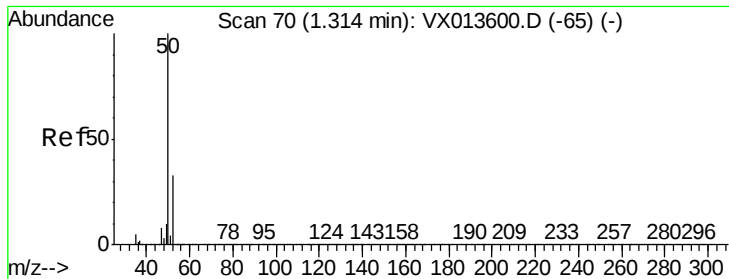


#2

Dichlorodifluoromethane
Concen: 48.741 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.7	47.1





#3

Chloromethane

Concen: 46.417 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 50 Resp: 370606

Ion Ratio Lower Upper

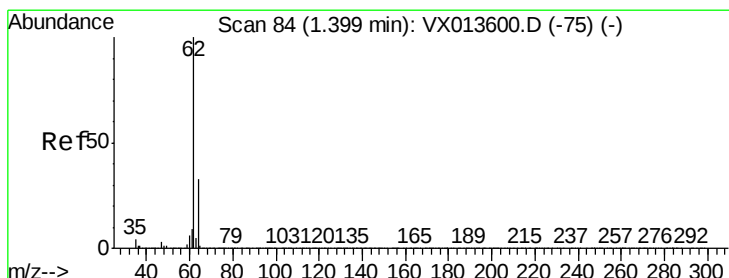
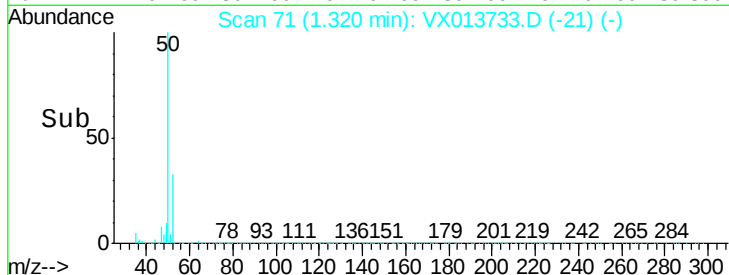
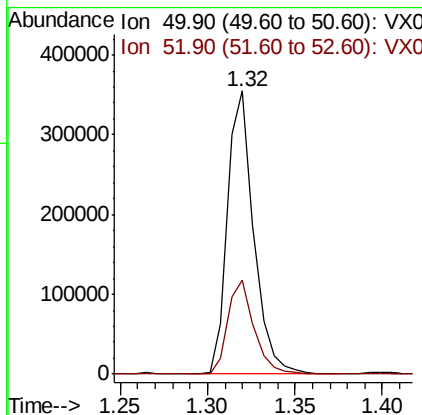
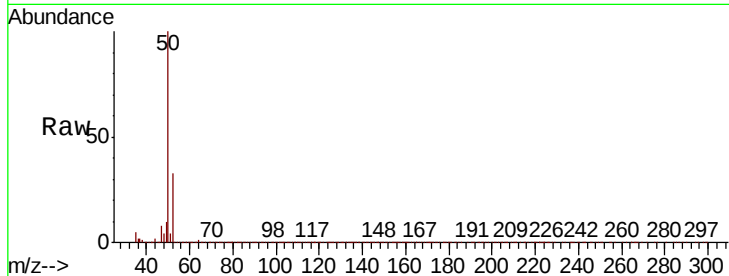
50 100

52 33.2 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.865 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013733.D

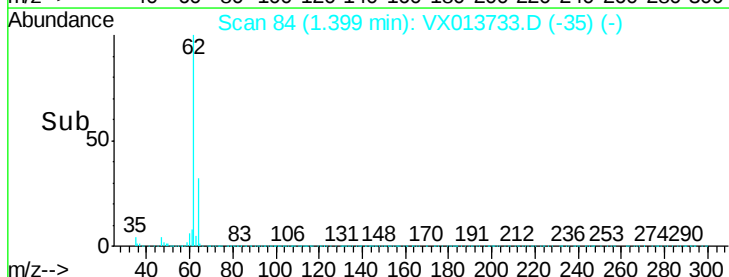
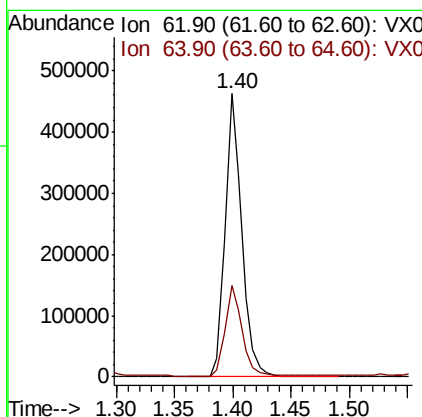
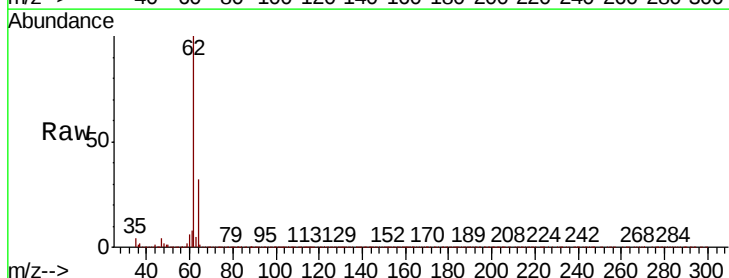
Acq: 03 Dec 2019 18:31

Tgt Ion: 62 Resp: 457101

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 39.127 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 94 Resp: 236137

Ion Ratio Lower Upper

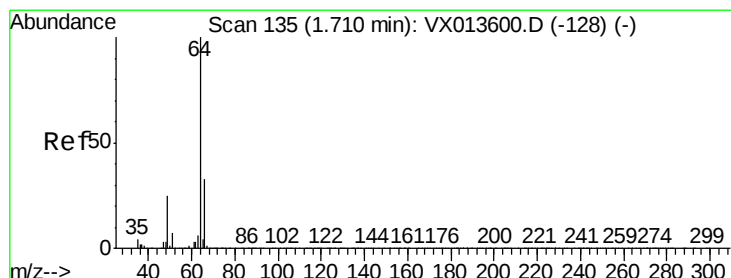
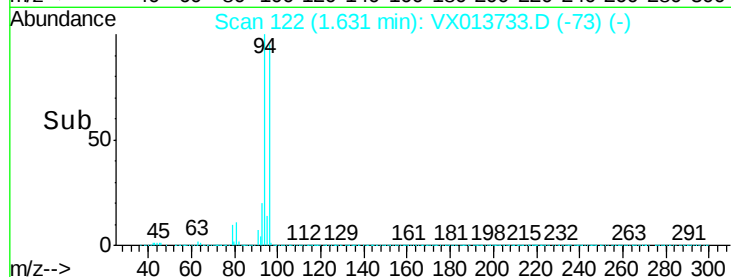
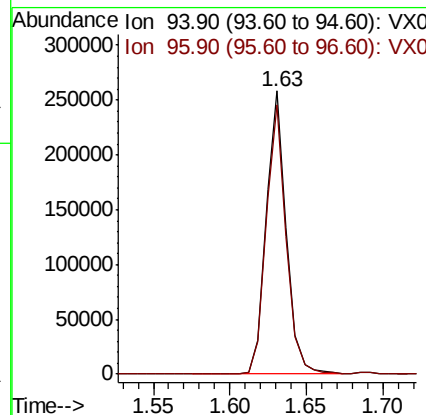
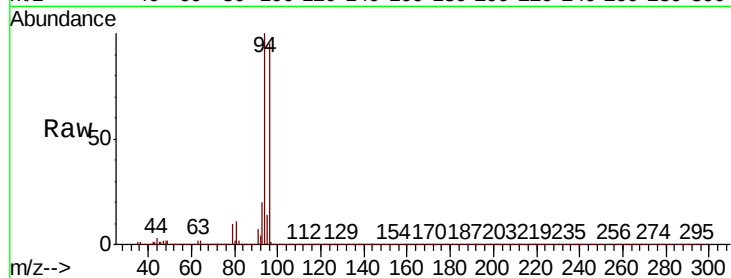
94 100

96 95.3 77.0 115.4

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#6

Chloroethane

Concen: 47.695 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013733.D

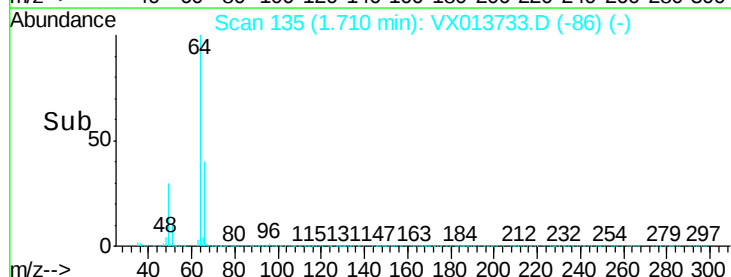
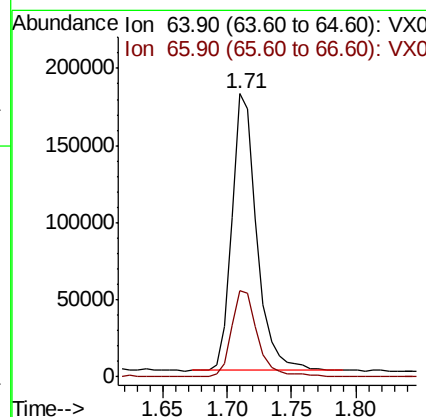
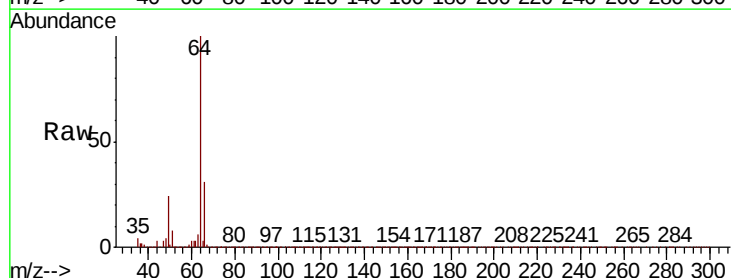
Acq: 03 Dec 2019 18:31

Tgt Ion: 64 Resp: 243900

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1





#7

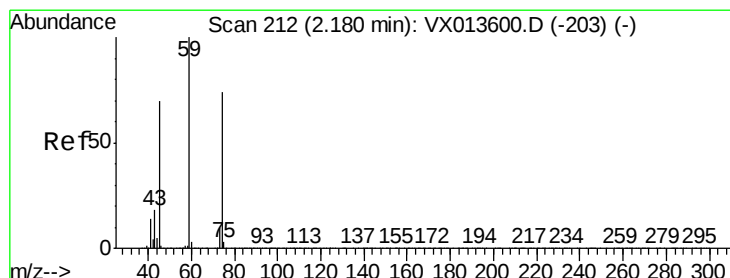
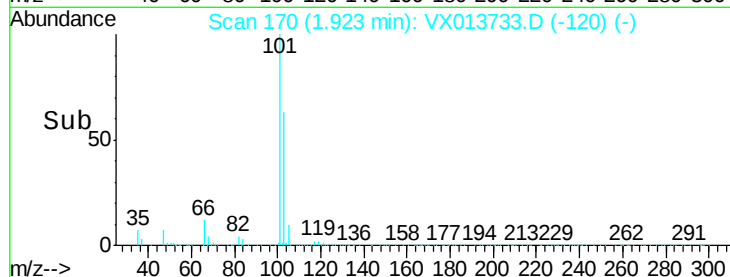
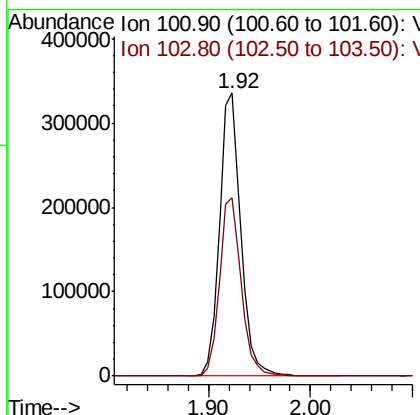
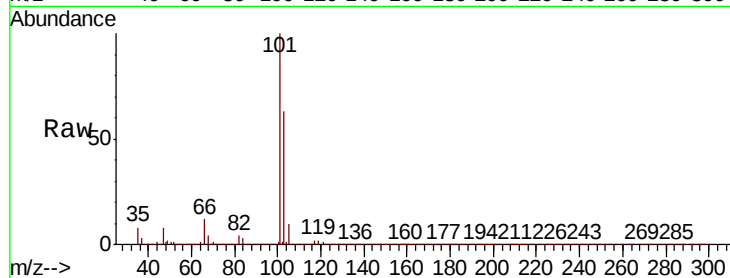
Trichlorofluoromethane
 Concen: 48.951 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.6

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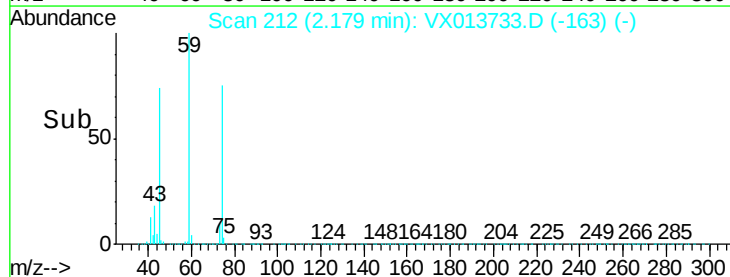
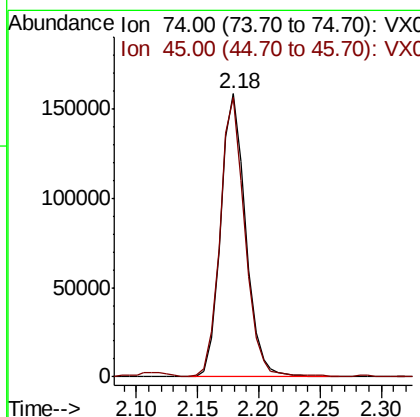
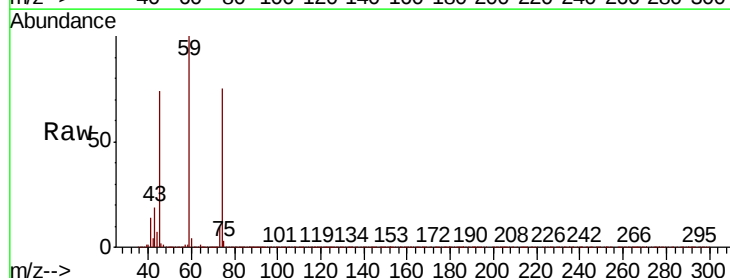
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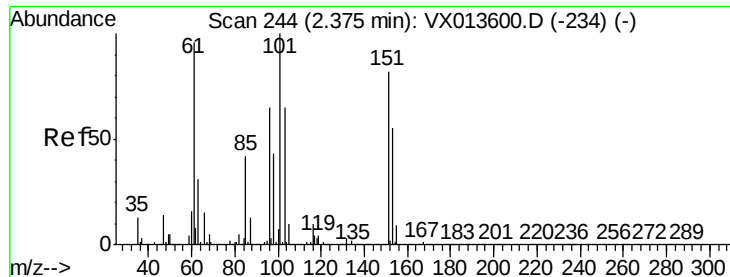


#8

Diethyl Ether
 Concen: 49.583 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.583 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

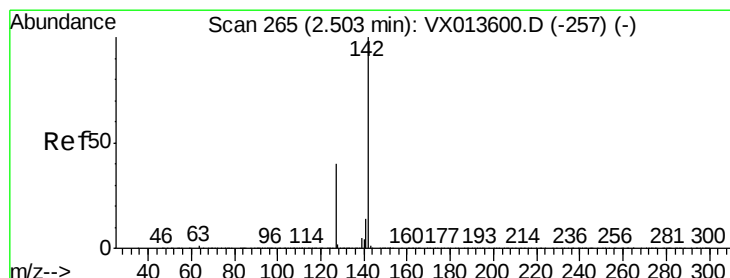
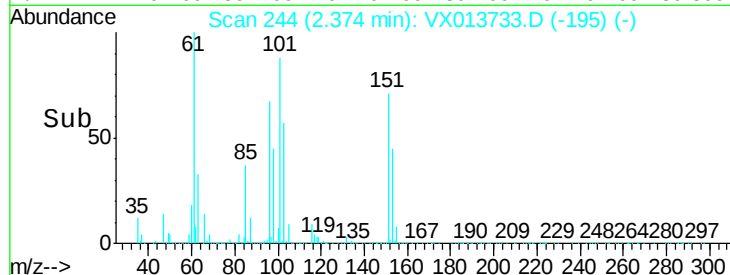
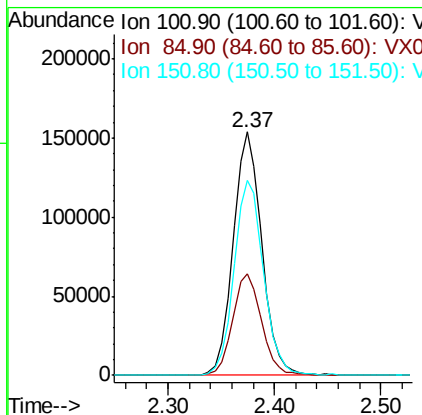
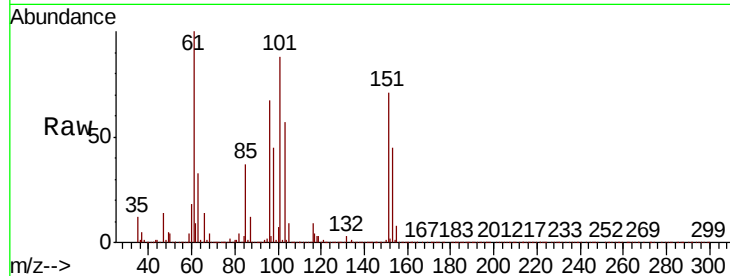
ClientSampleId :

S39-0191MSD

Tot Ion:	101	Resp:	290026
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.9	50.9
151	82.5	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 42.470 ug/l

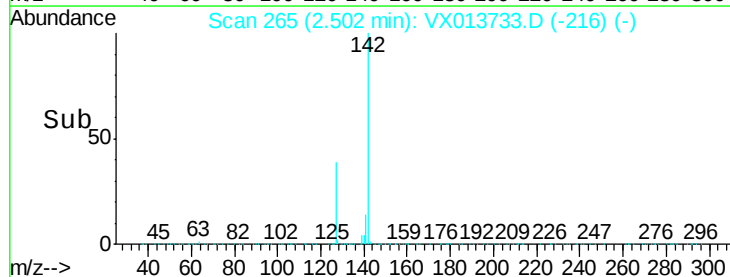
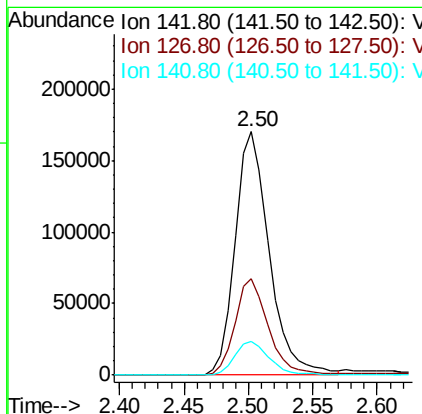
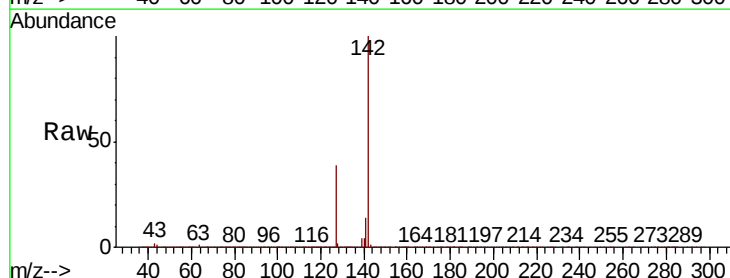
RT: 2.50 min Scan# 265

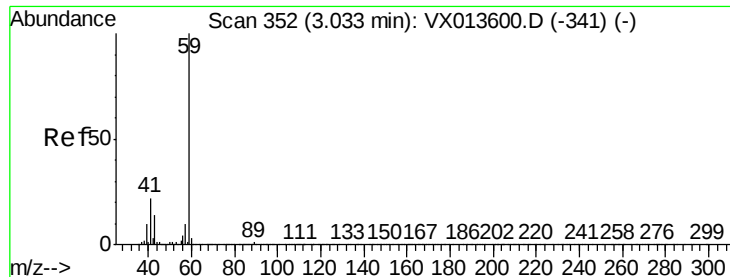
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	142	Resp:	313129
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.0	46.4
141	14.0	11.6	17.4





#11

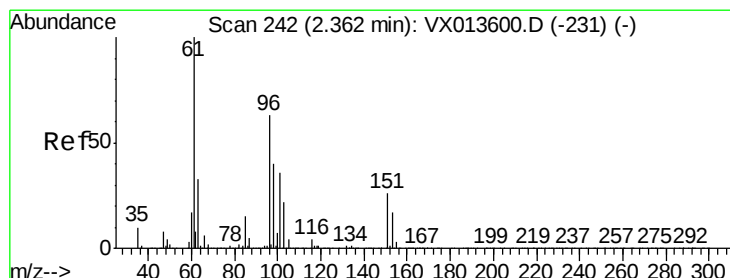
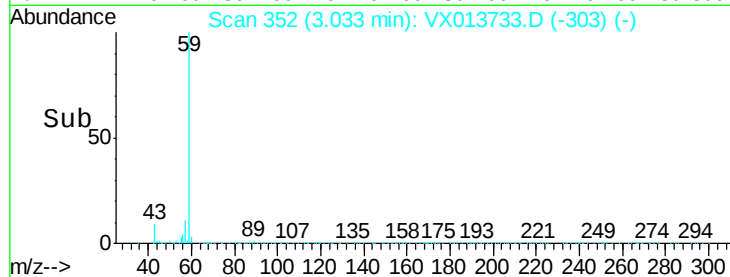
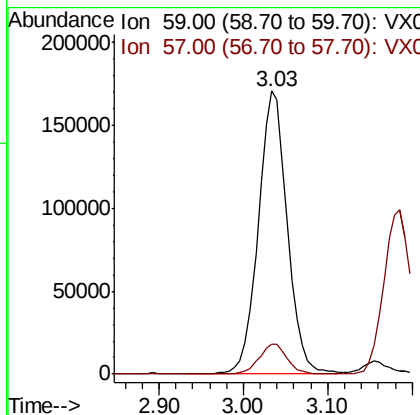
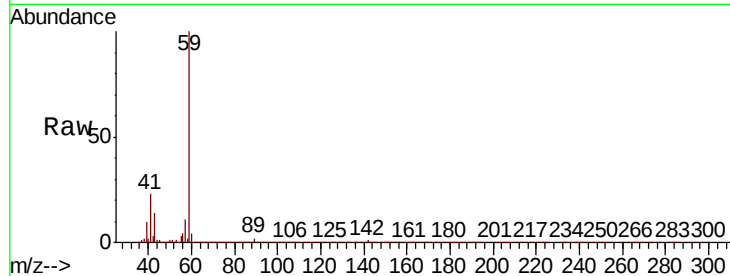
Tert butyl alcohol
Concen: 219.325 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.6

Manual Integrations
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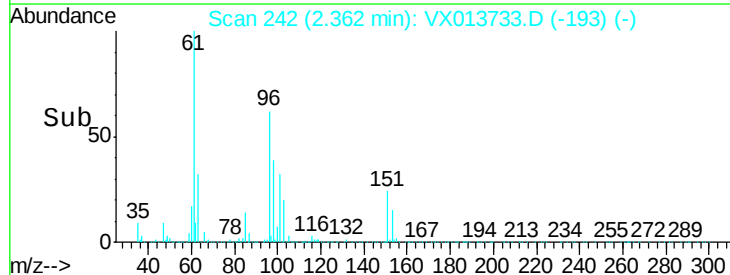
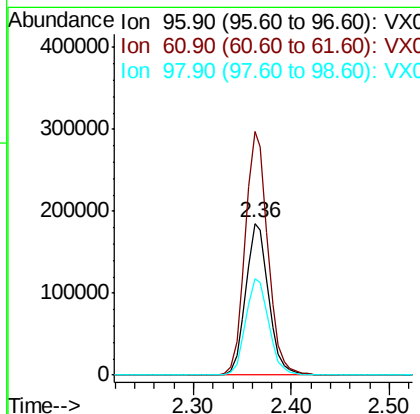
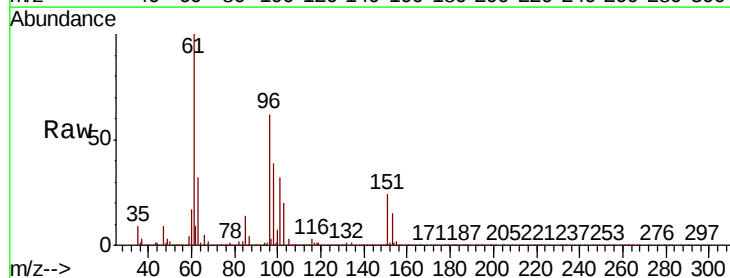
apatel
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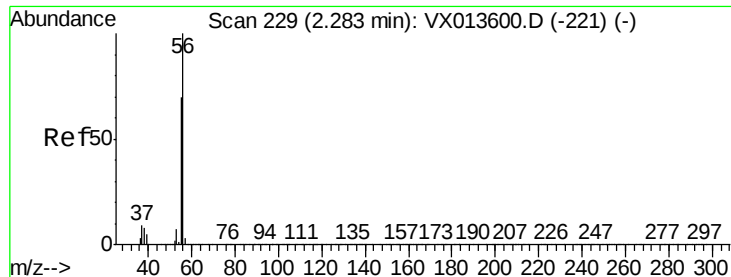


#12

1,1-Dichloroethene
Concen: 49.235 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	126.6	190.0
98	63.4	50.6	76.0





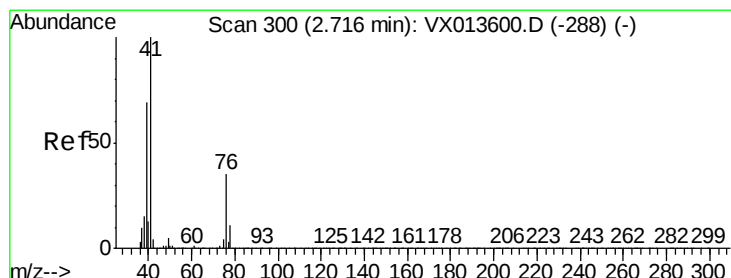
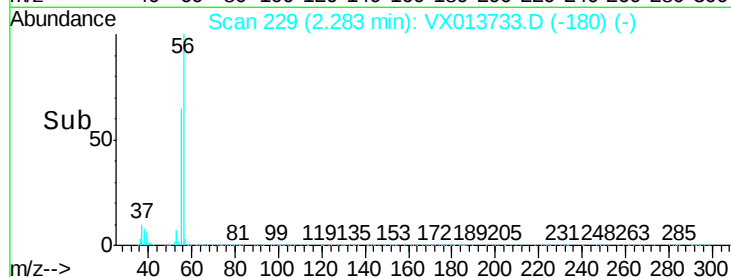
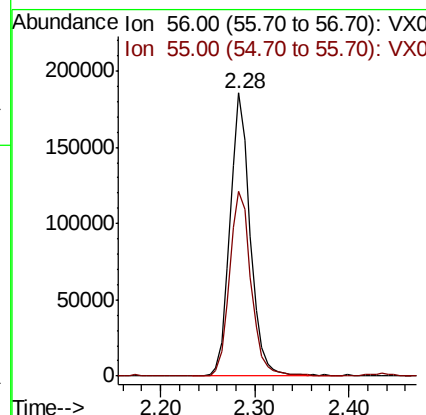
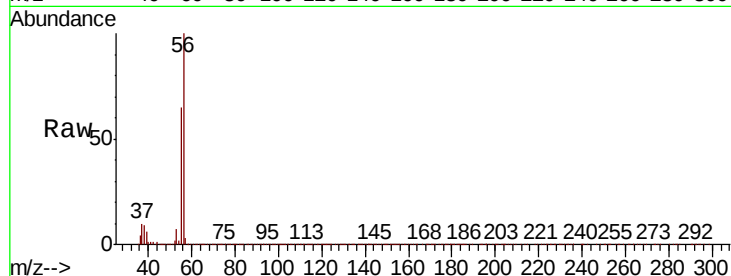
#13
Acrolein
Concen: 223.075 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.2	84.4

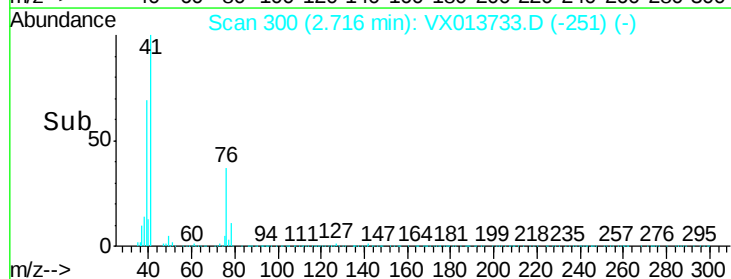
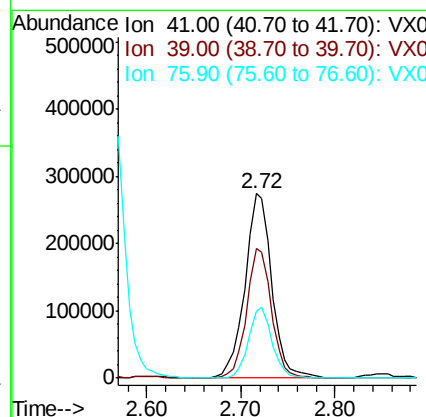
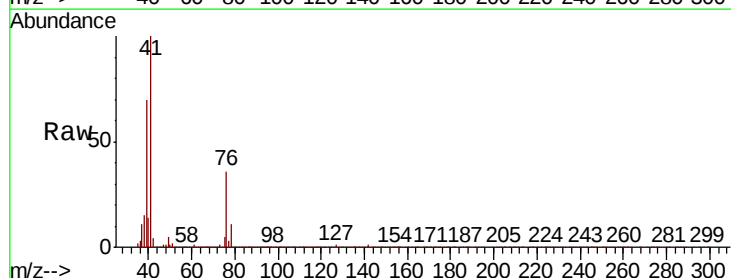
Manual Integrations
APPROVED

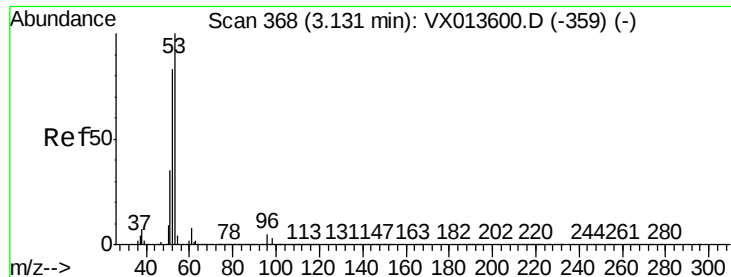
apatel
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#14
Allyl chloride
Concen: 48.972 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.3	51.7	77.5
76	33.8	25.9	38.9





#15

Acrylonitrile

Concen: 247.896 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

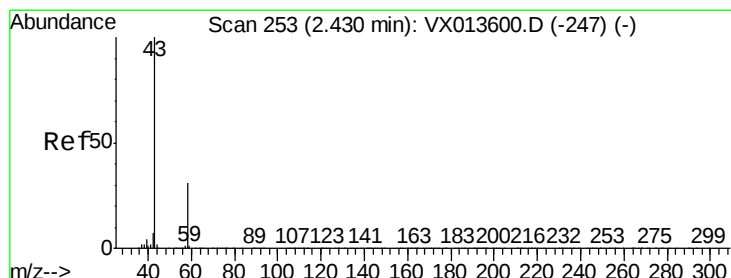
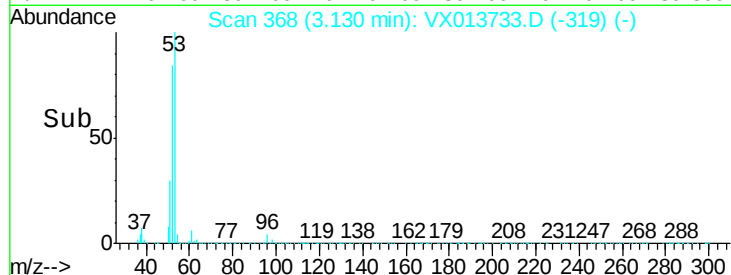
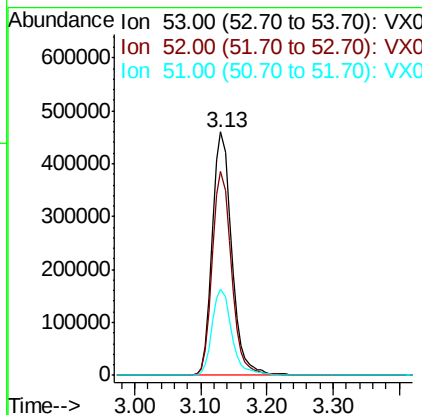
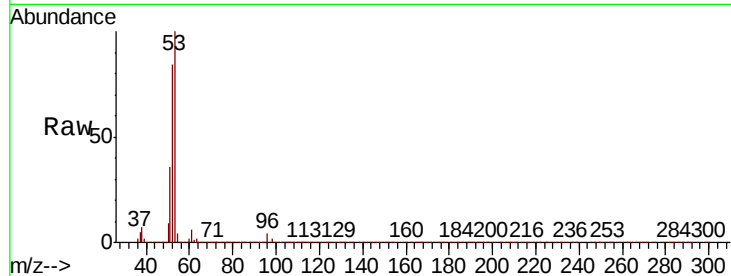
ClientSampleId :

S39-0191MSD

Tot Ion:	53	Resp:	937273
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.2	99.2
51	35.6	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 214.178 ug/l

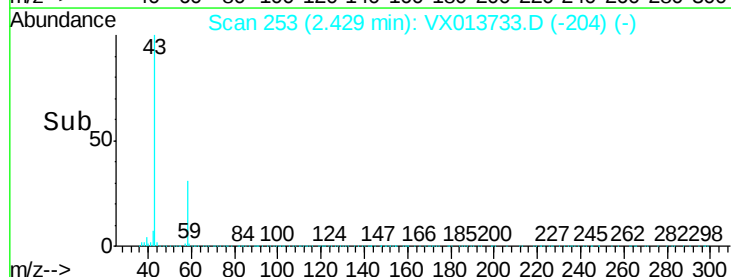
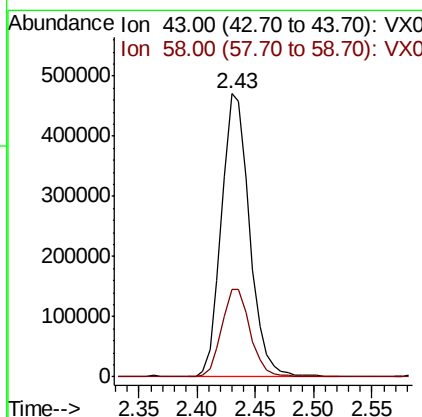
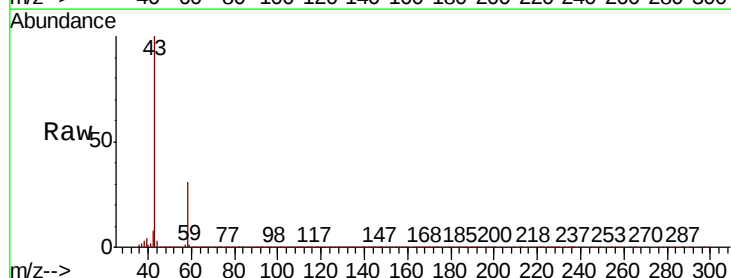
RT: 2.43 min Scan# 253

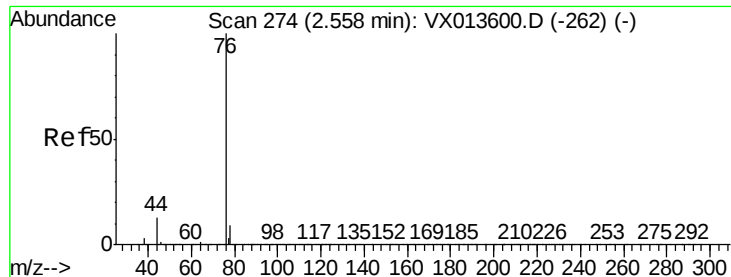
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	43	Resp:	784688
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.6	36.8





#17

Carbon Disulfide

Concen: 46.472 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

S39-0191MSD

Tot Ion: 76 Resp: 805989

Ion Ratio Lower Upper

76 100

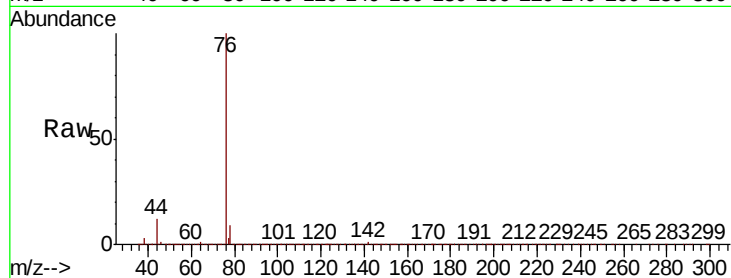
78 9.0 7.2 10.8

Manual Integrations

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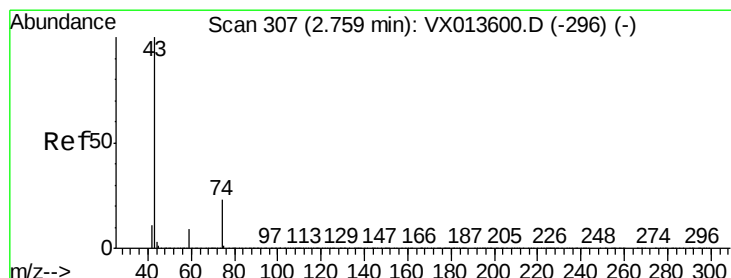
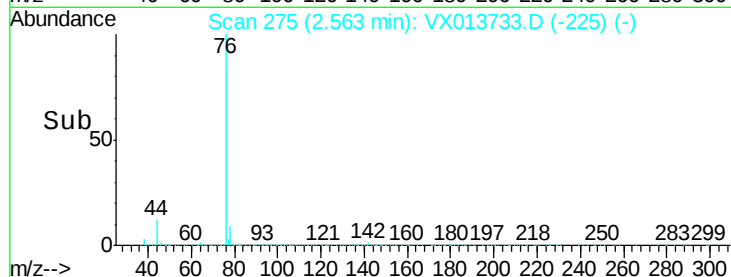
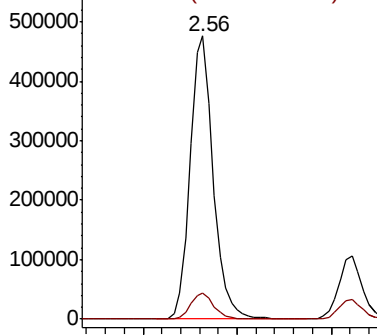
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.666 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013733.D

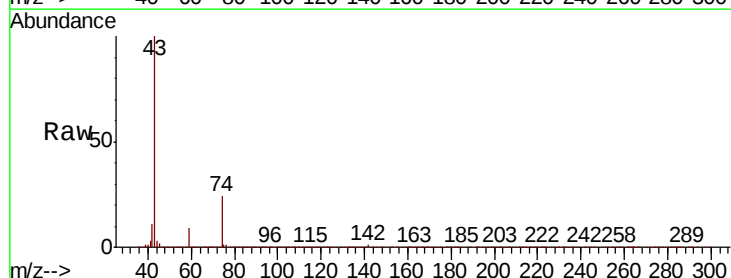
Acq: 03 Dec 2019 18:31

Tgt Ion: 43 Resp: 516898

Ion Ratio Lower Upper

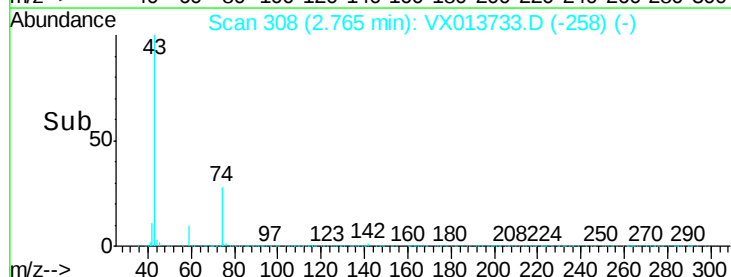
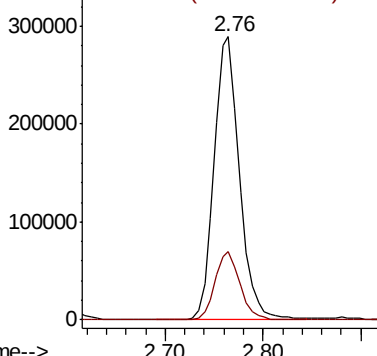
43 100

74 24.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





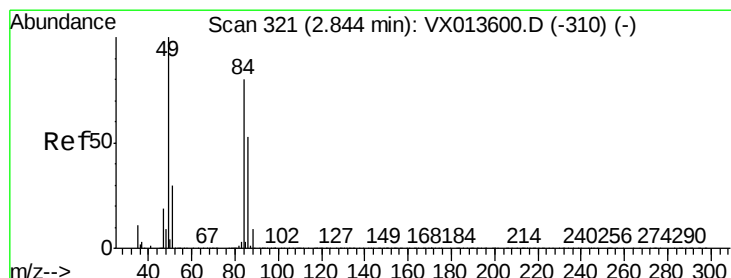
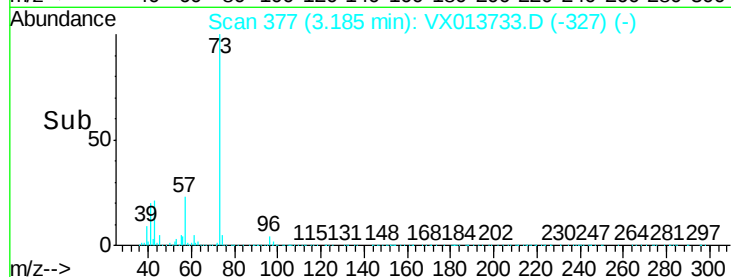
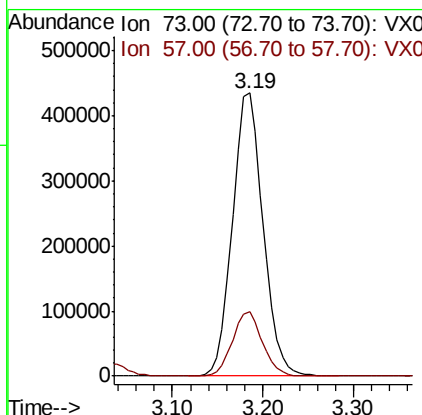
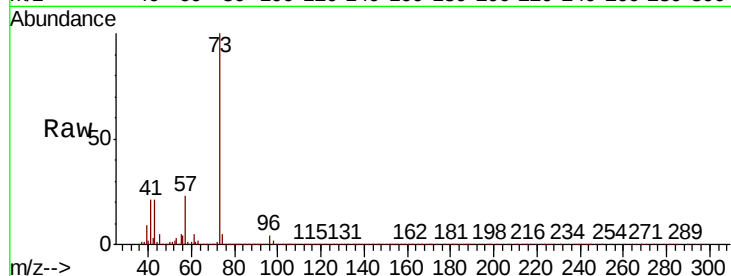
#19
Methvl tert-butvl Ether
Concen: 50.411 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion: 73 Resp: 1016012
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5

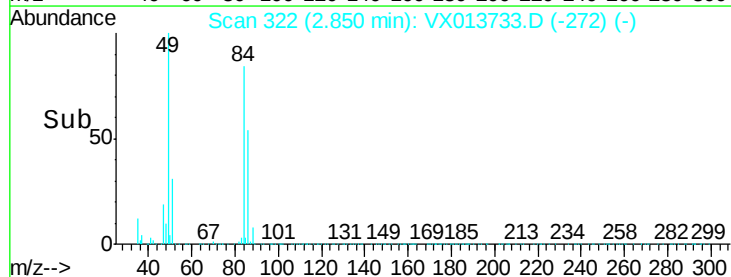
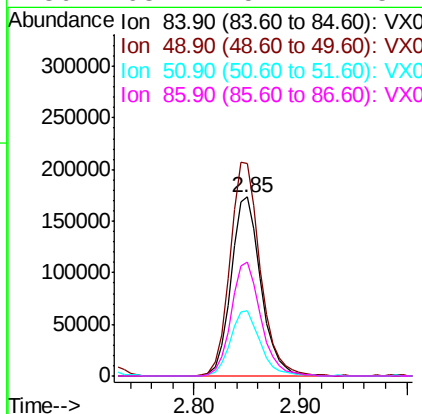
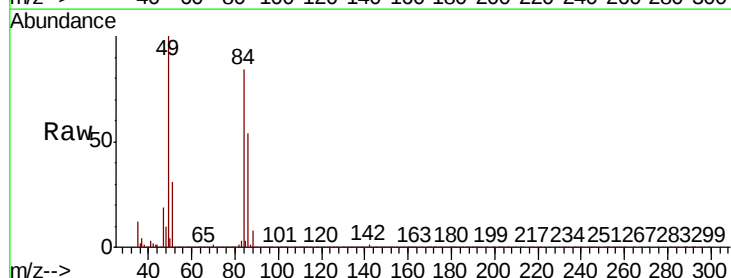
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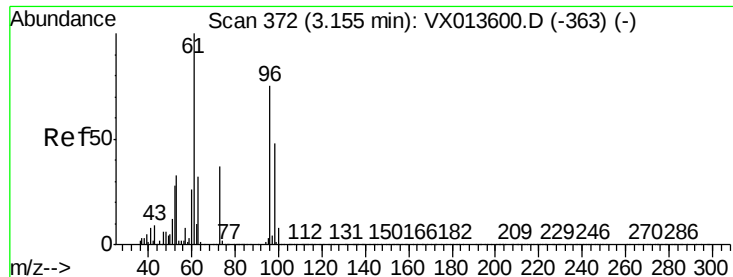
apatel
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#20
Methylene Chloride
Concen: 48.233 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 84 Resp: 339491
Ion Ratio Lower Upper
84 100
49 118.5 99.7 149.5
51 36.5 29.9 44.9
86 63.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.508 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

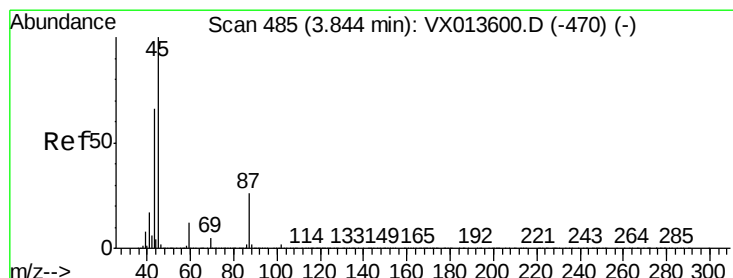
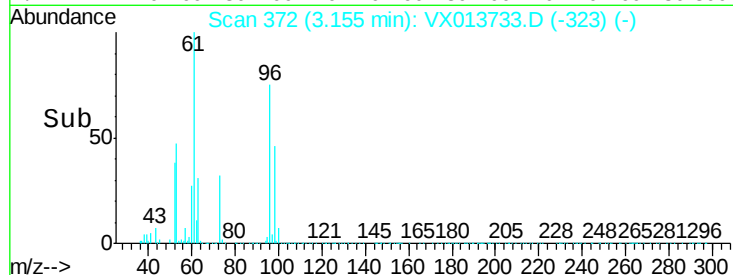
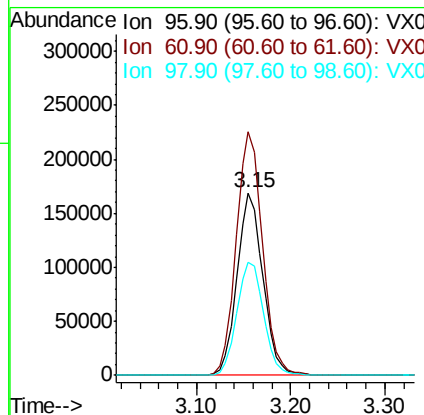
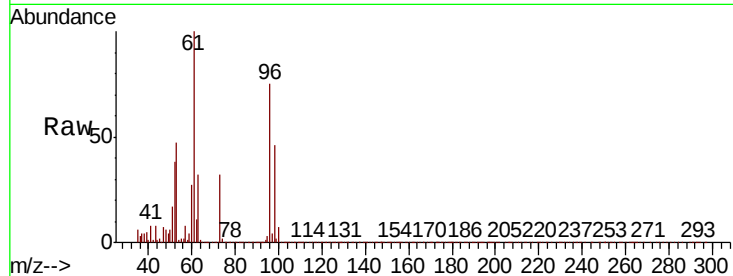
ClientSampleId :

S39-0191MSD

Tot Ion:	96	Resp:	321503
Ion Ratio	Lower	Upper	
96	100		
61	133.6	107.2	160.8
98	61.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.893 ug/l

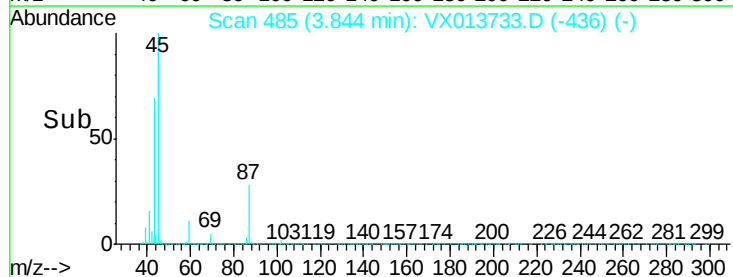
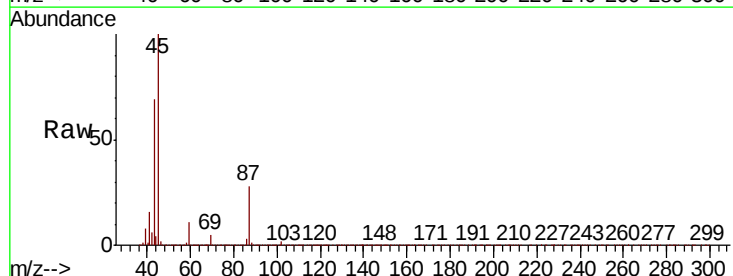
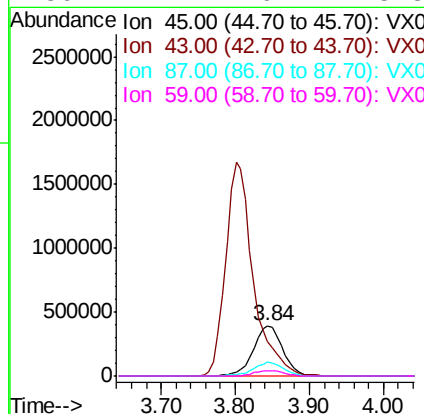
RT: 3.84 min Scan# 485

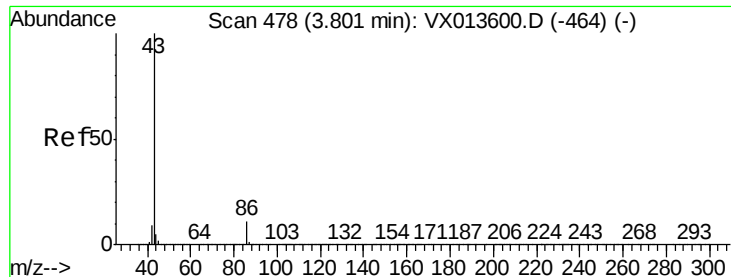
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	45	Resp:	1081967
Ion Ratio	Lower	Upper	
45	100		
43	68.8	52.6	79.0
87	27.6	21.1	31.7
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 245.061 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

S39-0191MSD

Tot Ion: 43 Resp: 4334078

Ion Ratio Lower Upper

43 100

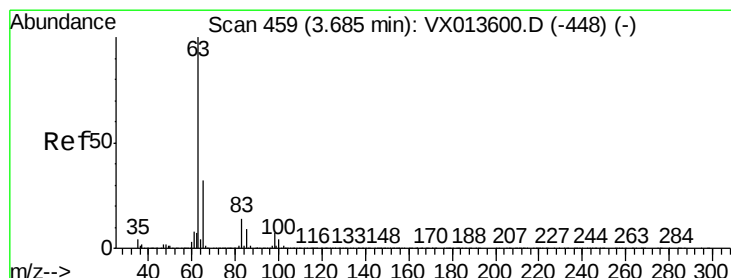
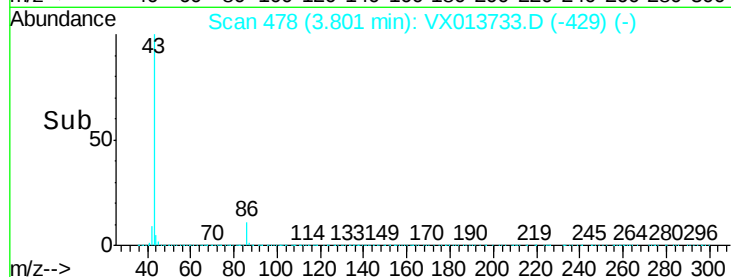
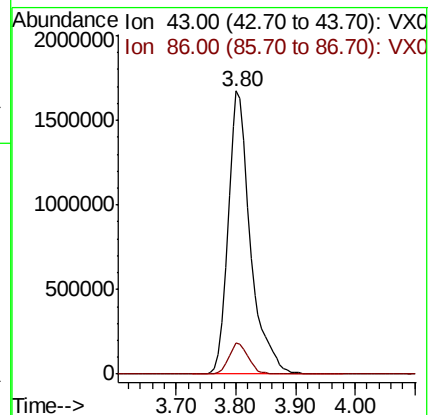
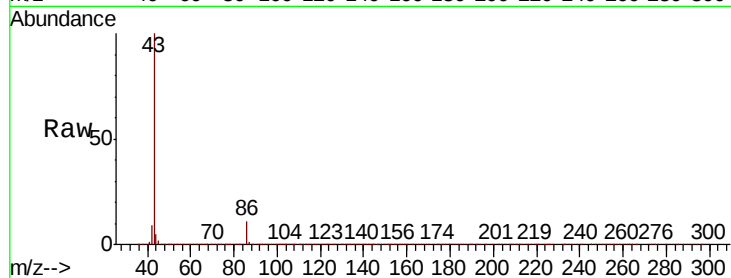
86 10.9 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.357 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

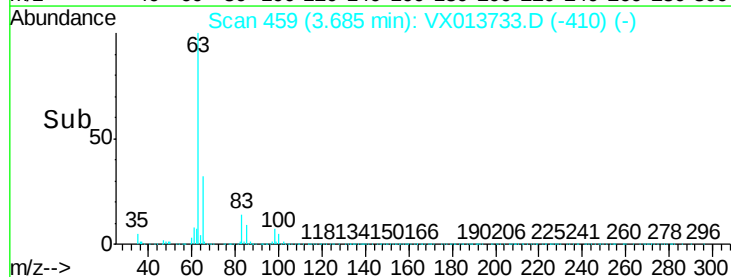
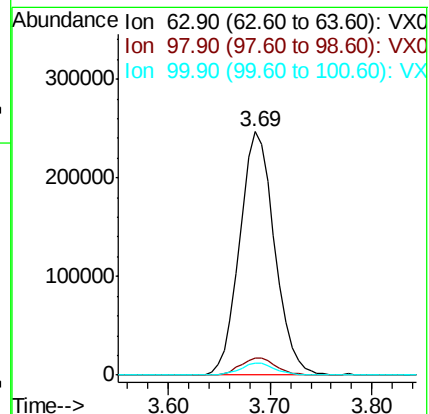
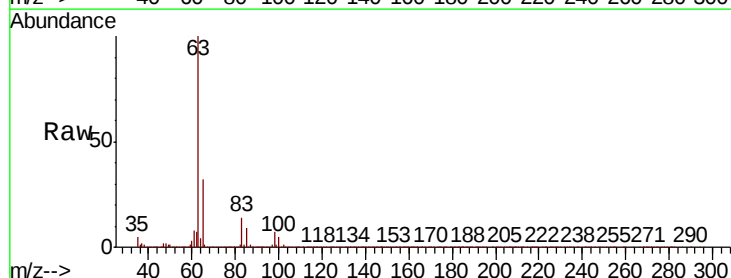
Tgt Ion: 63 Resp: 585239

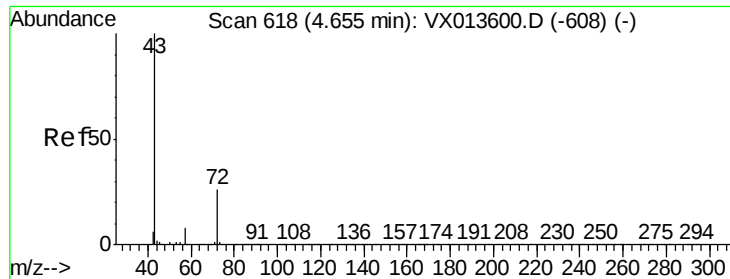
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 240.906 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tot Ion: 43 Resp: 1311725

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0

Instrument :

MSVOA_X

ClientSampleId :

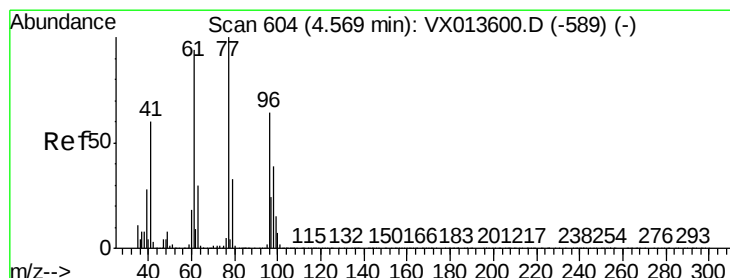
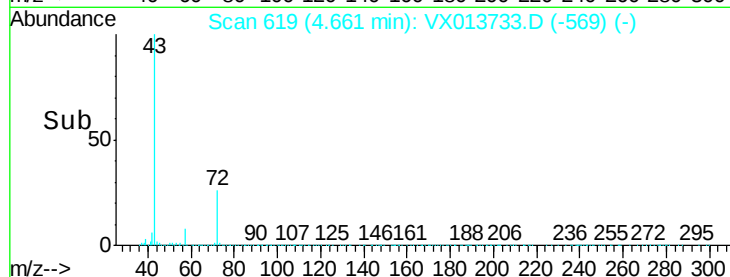
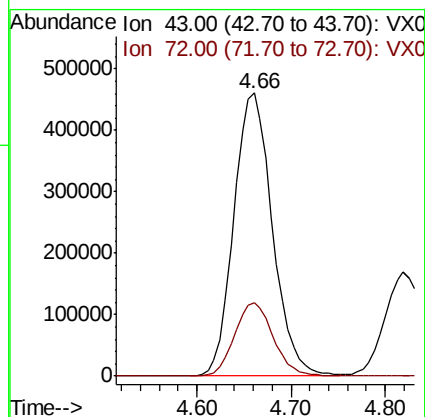
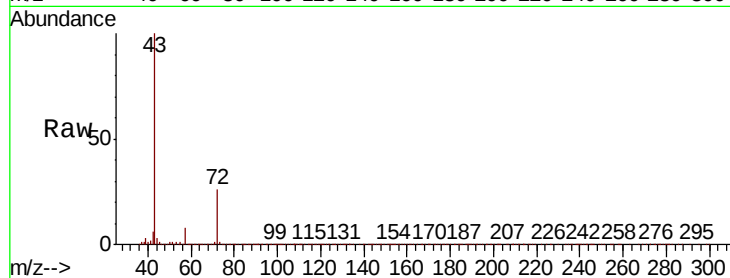
S39-0191MSD

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.466 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013733.D

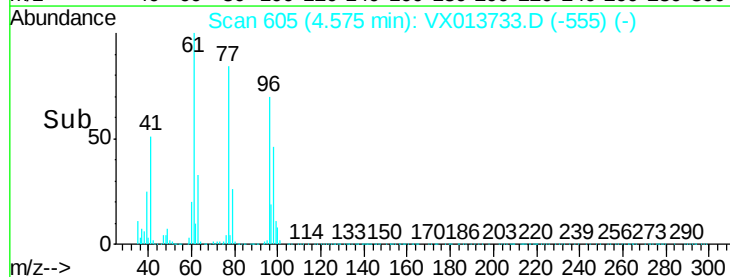
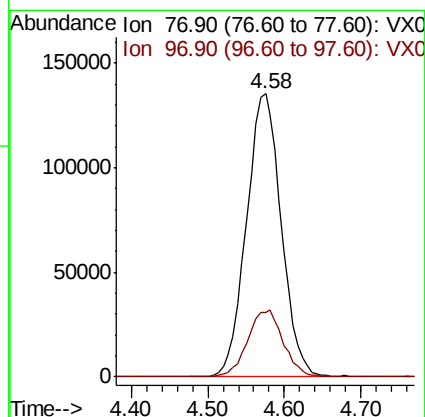
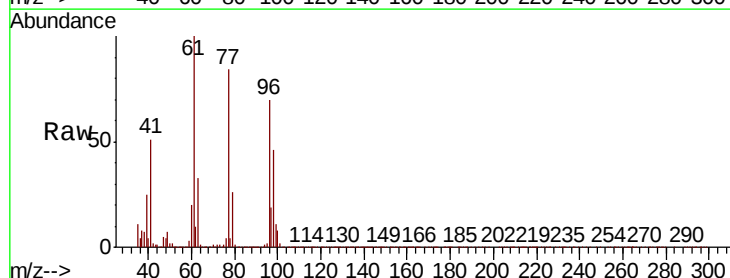
Acq: 03 Dec 2019 18:31

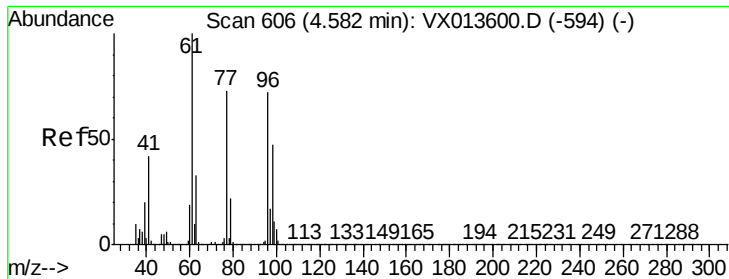
Tgt Ion: 77 Resp: 427566

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

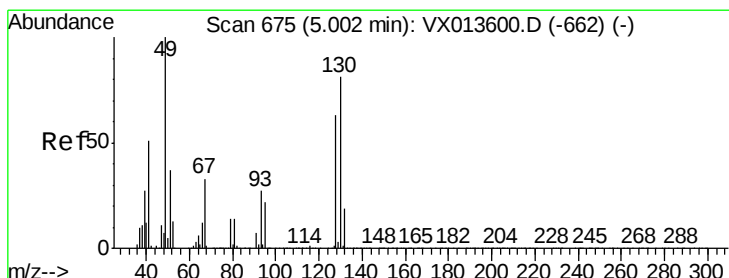
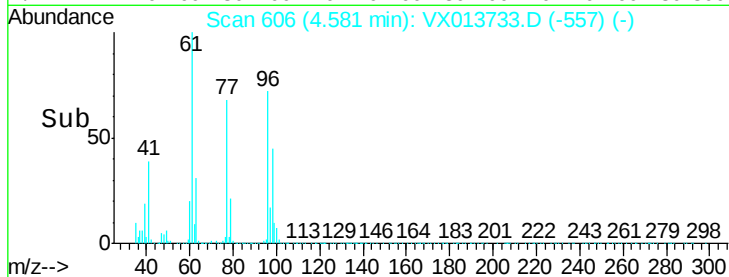
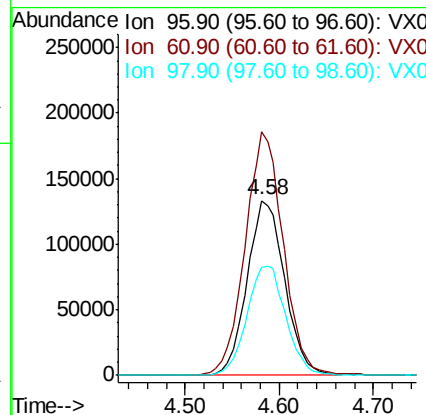
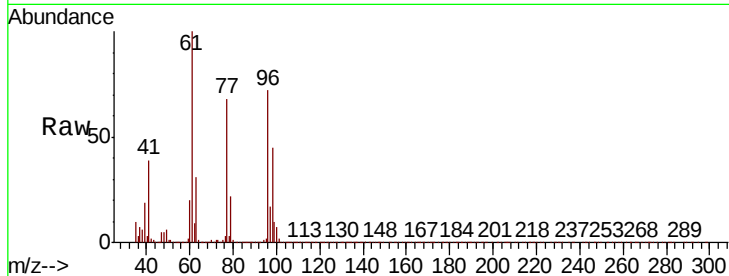
cis-1,2-Dichloroethene
Concen: 48.755 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	371091		
61	141.1	0.0	286.4	
98	64.5	0.0	127.4	

Manual Integrations
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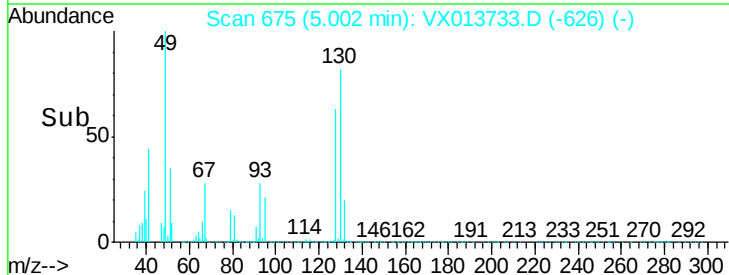
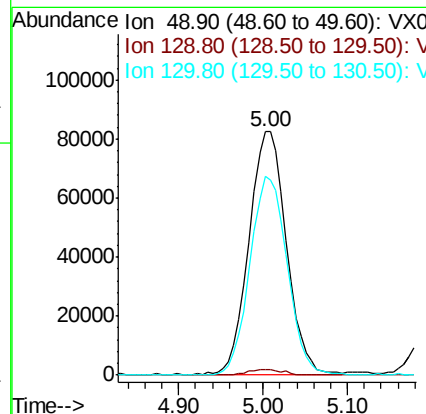
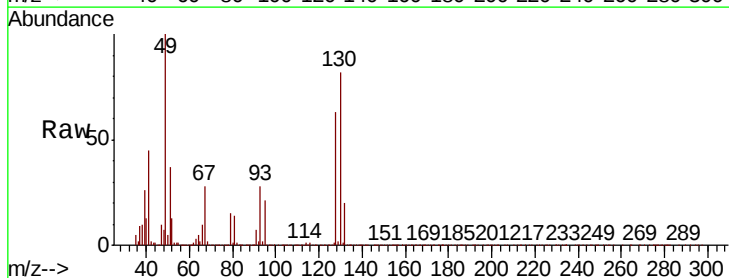
apatel
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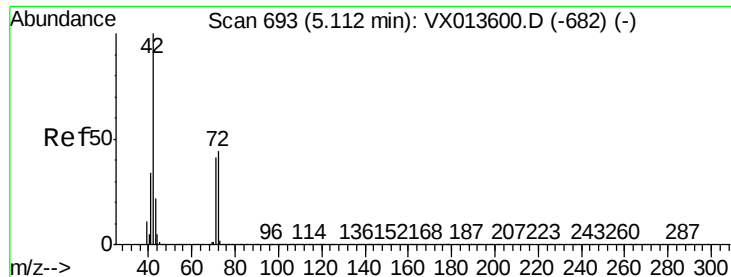


#28

Bromochloromethane
Concen: 53.980 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	247910		
129	2.3	0.0	5.0	
130	81.4	65.4	98.0	





#29

Tetrahydrofuran

Concen: 251.275 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

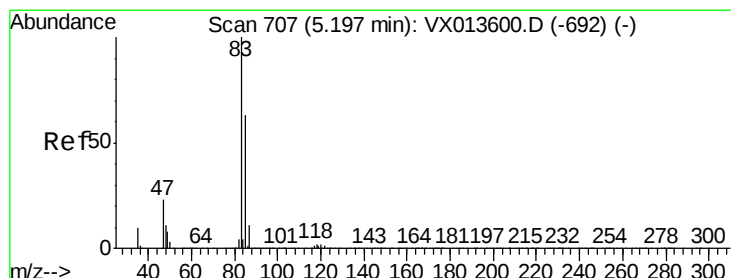
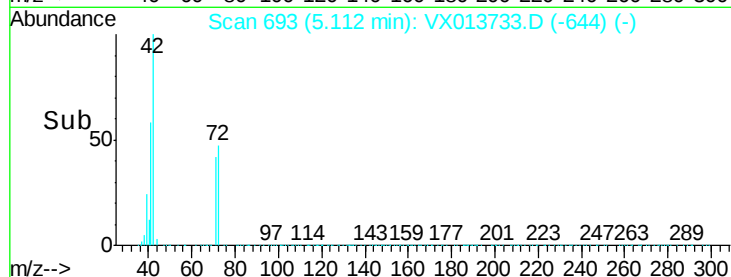
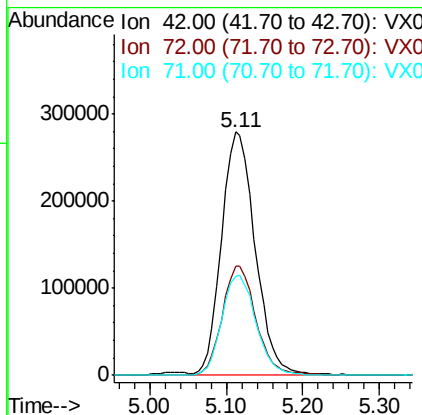
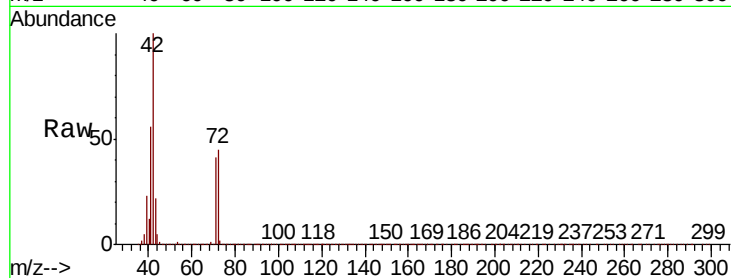
ClientSampleId :

S39-0191MSD

Tot Ion:	42	Resp:	843442
Ion Ratio		Lower	Upper
42	100		
72	45.4	36.3	54.5
71	42.0	33.2	49.8

Manual Integrations
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#30

Chloroform

Concen: 48.286 ug/l

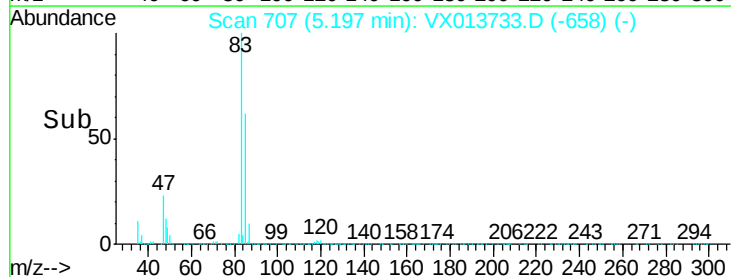
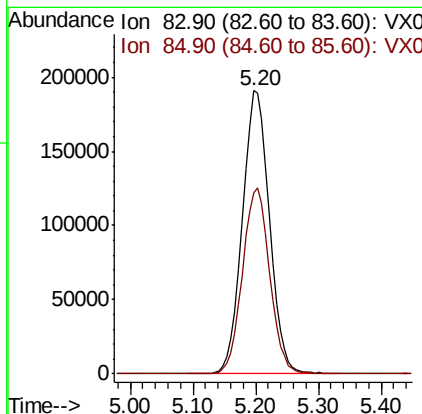
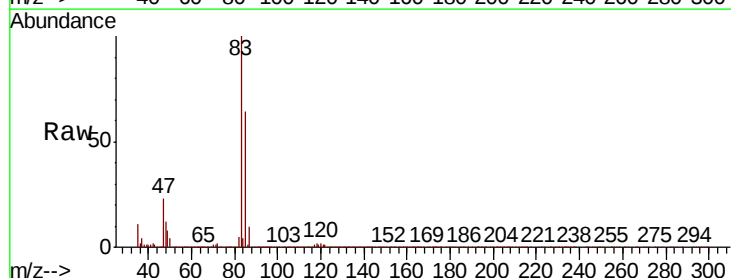
RT: 5.20 min Scan# 707

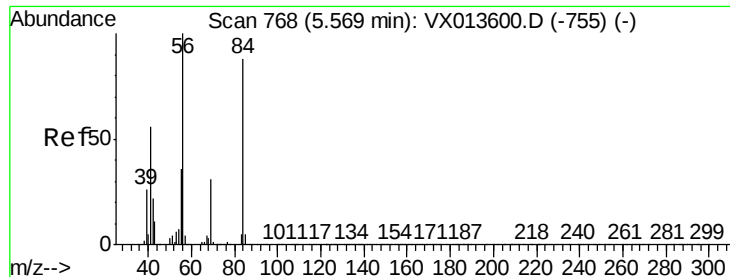
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	83	Resp:	569120
Ion Ratio		Lower	Upper
83	100		
85	63.7	50.2	75.4





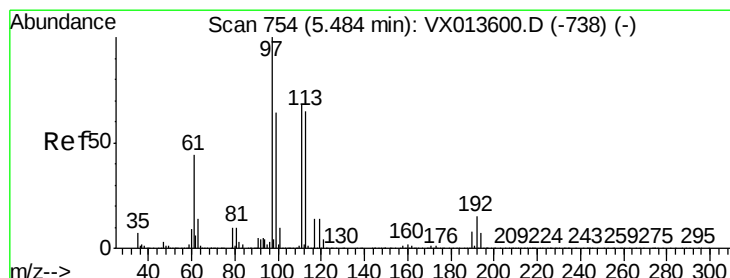
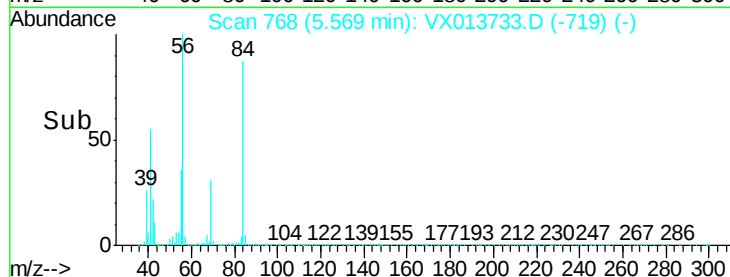
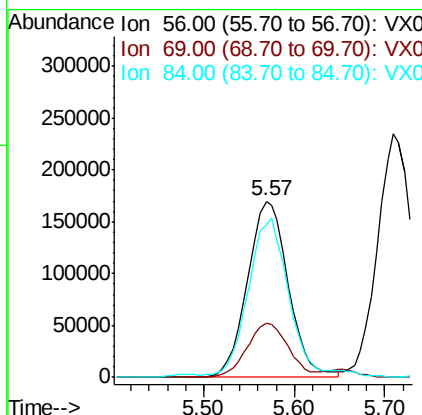
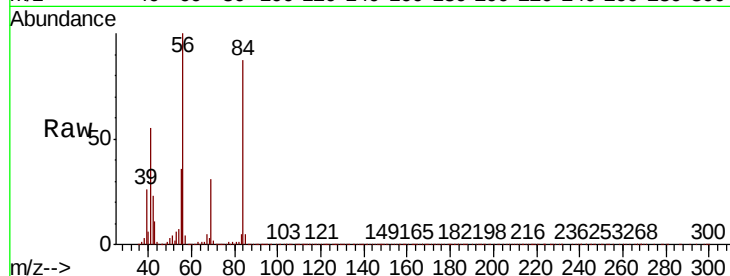
#31
Cyclohexane
Concen: 48.047 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	85.4	70.0	105.0

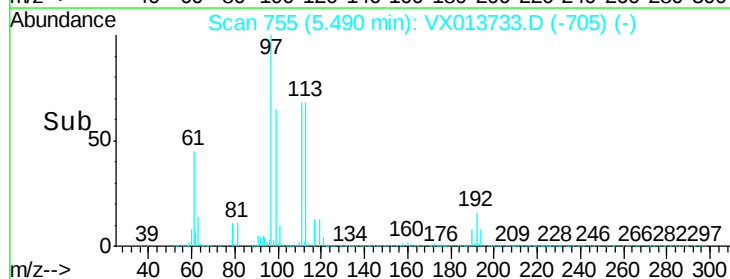
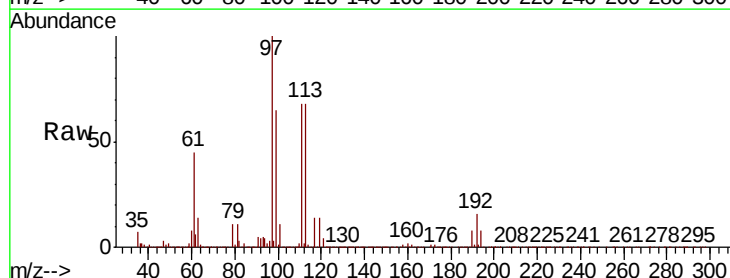
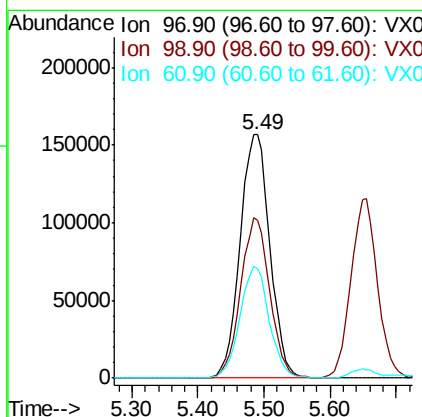
Manual Integrations
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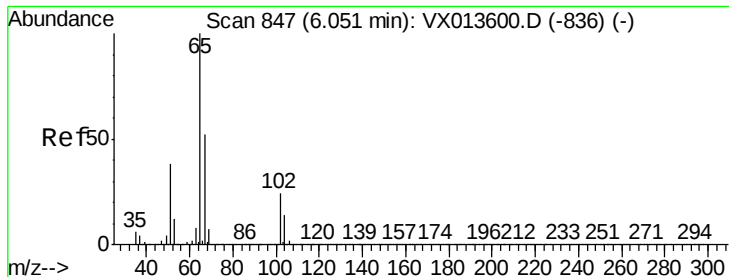
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#32
1,1,1-Trichloroethane
Concen: 49.792 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	44.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 48.541 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 65 Resp: 360213

Ion Ratio Lower Upper

65 100

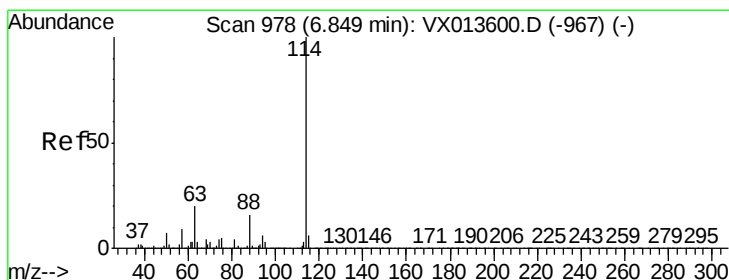
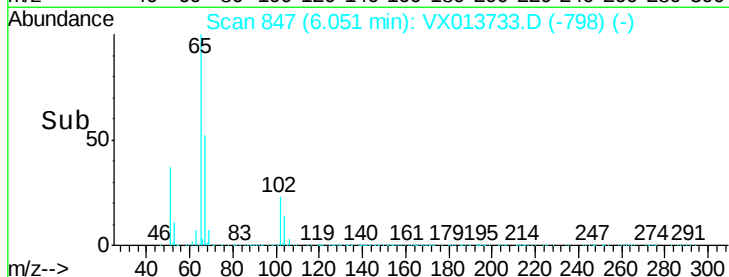
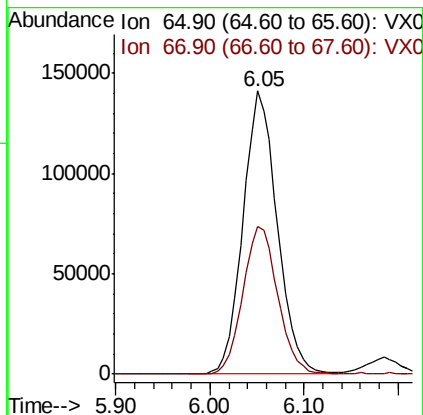
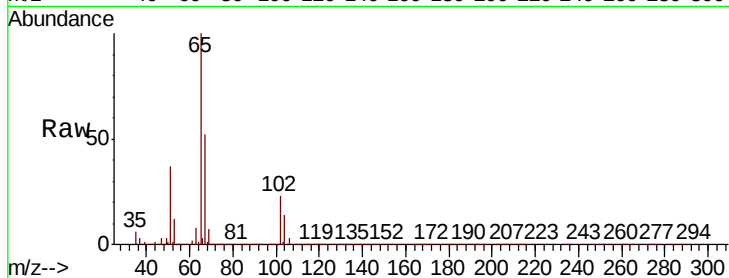
67 52.7 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

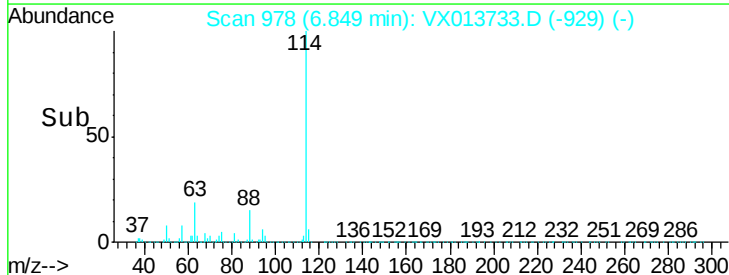
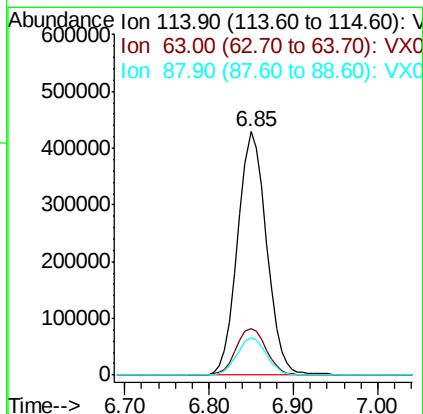
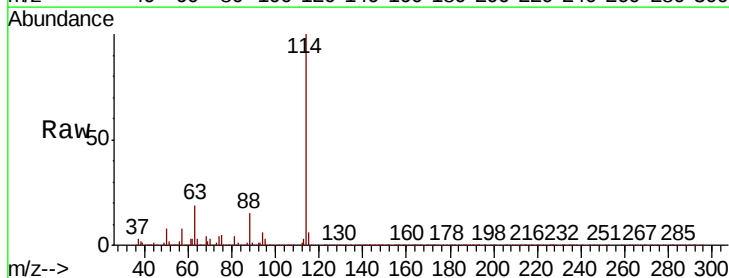
Tgt Ion: 114 Resp: 994465

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.1 0.0 31.4





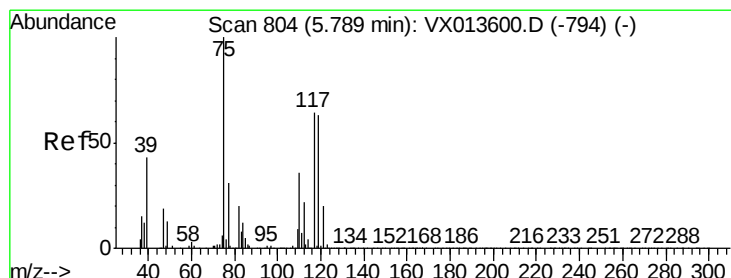
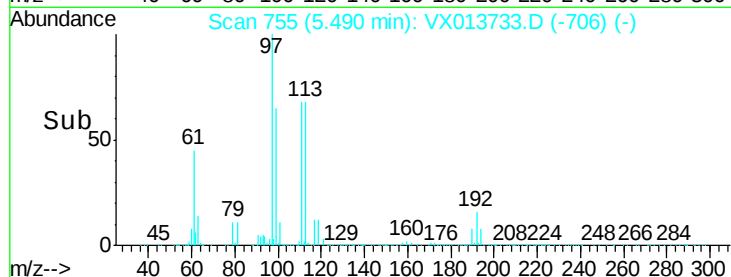
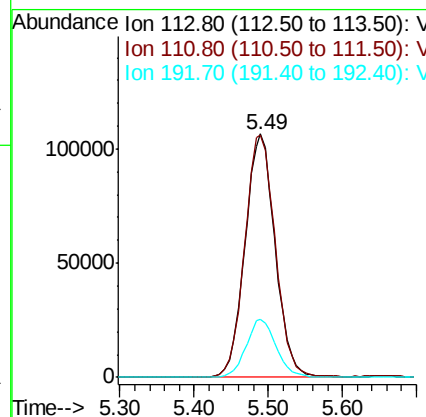
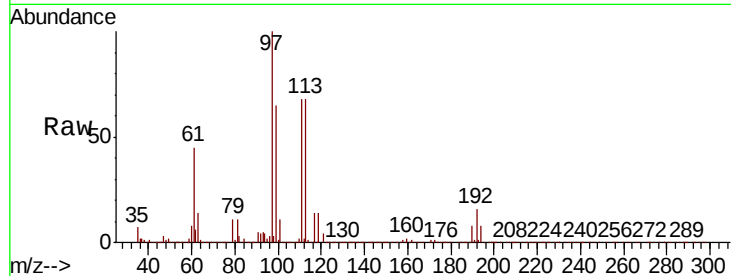
#35
 Dibromofluoromethane
 Concen: 49.031 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampled :
 S39-0191MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	301437		
111	101.1	83.6	125.4	
192	23.8	19.2	28.8	

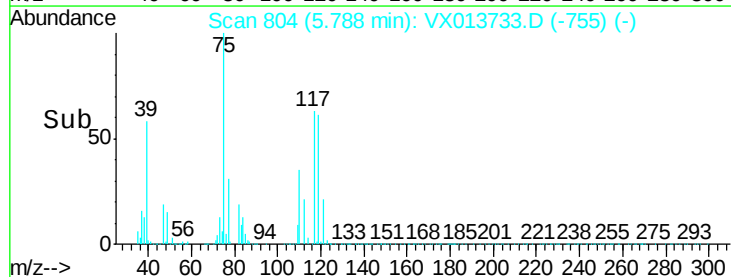
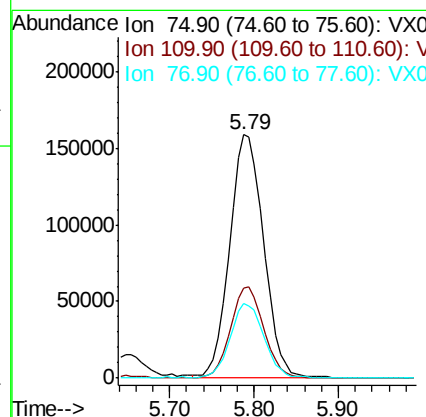
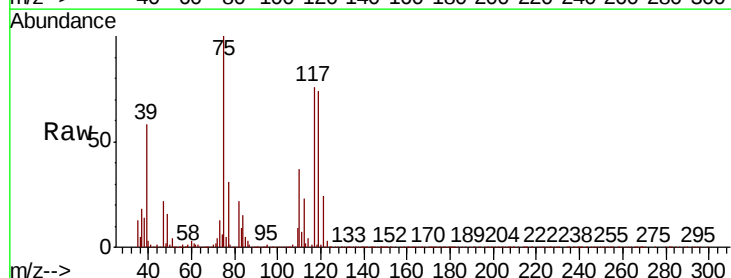
Manual Integrations
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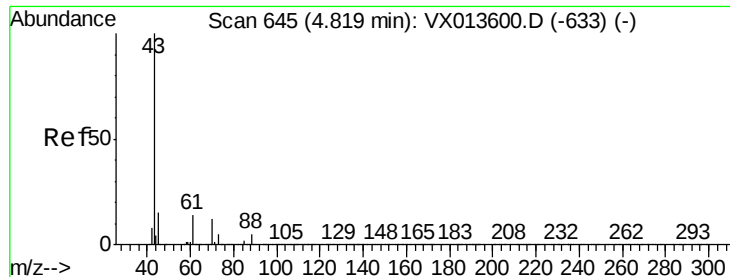
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#36
 1,1-Dichloropropene
 Concen: 47.745 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	431006		
110	36.8	18.1	54.1	
77	30.3	24.5	36.7	





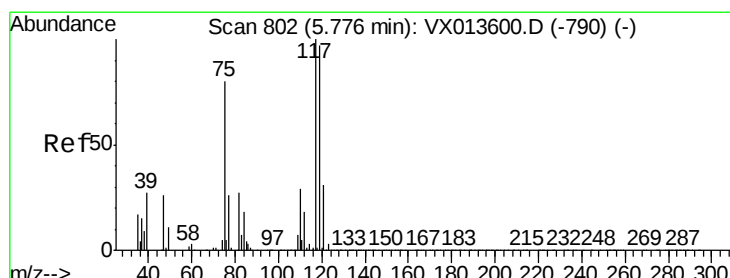
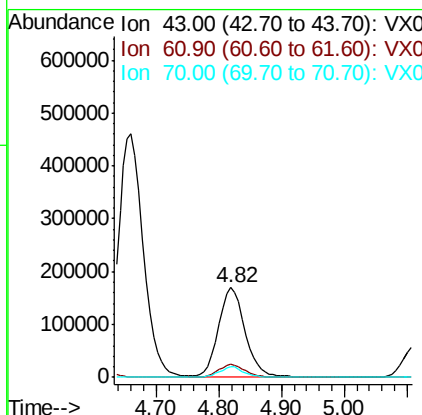
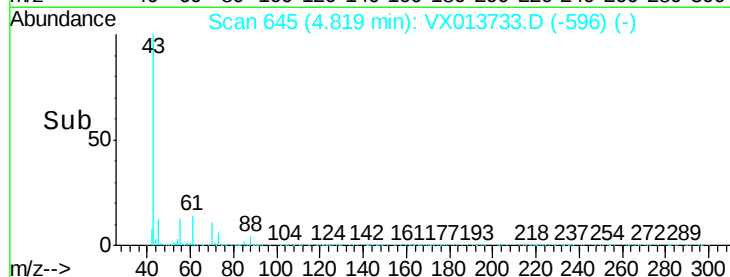
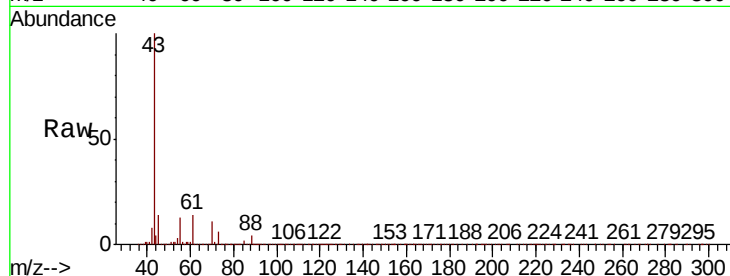
#37
Ethyl Acetate
Concen: 48.983 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion:	43	Resp:	496058
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.7	8.6	12.8

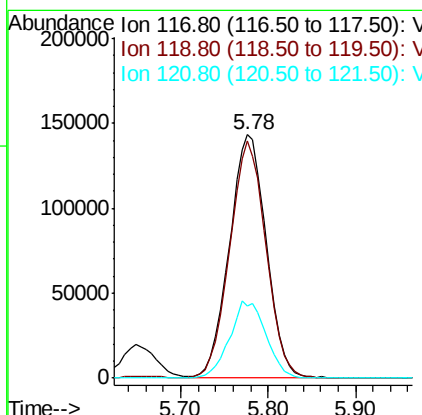
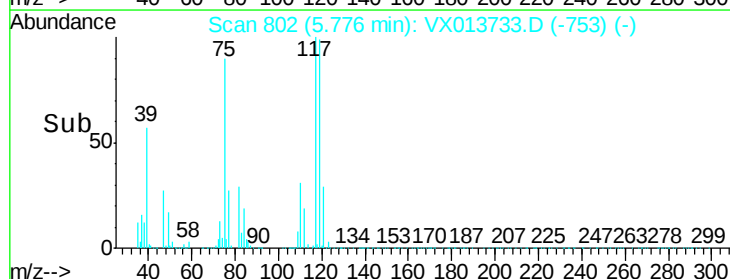
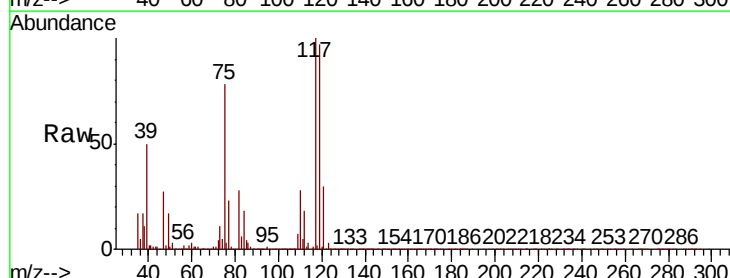
Manual Integrations
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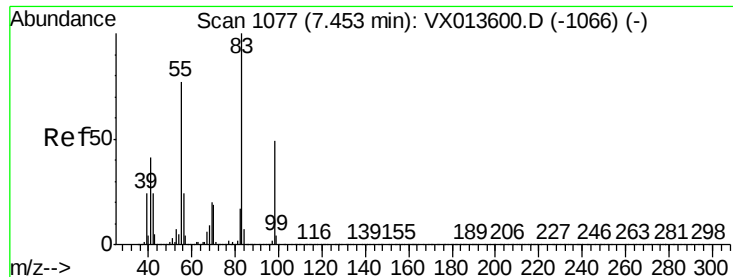
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#38
Carbon Tetrachloride
Concen: 50.212 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion:	117	Resp:	417960
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.5	116.3
121	29.6	25.0	37.6





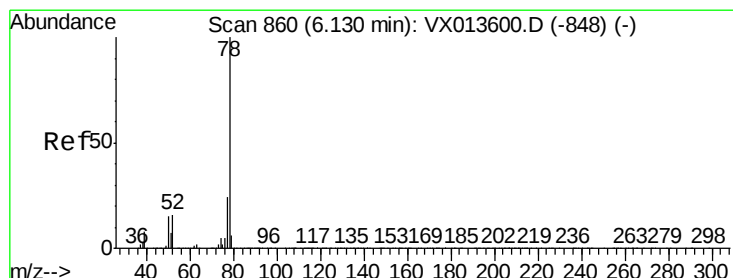
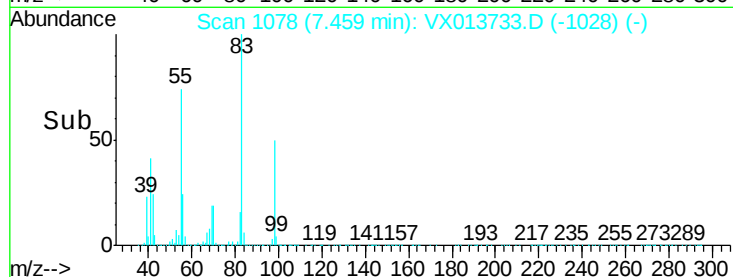
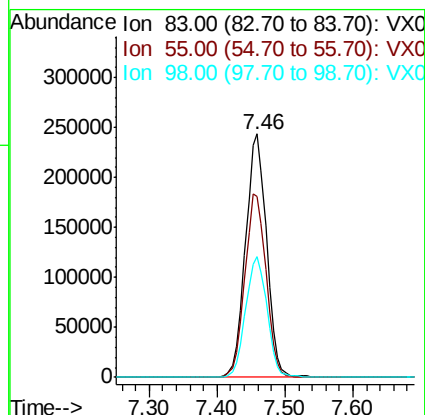
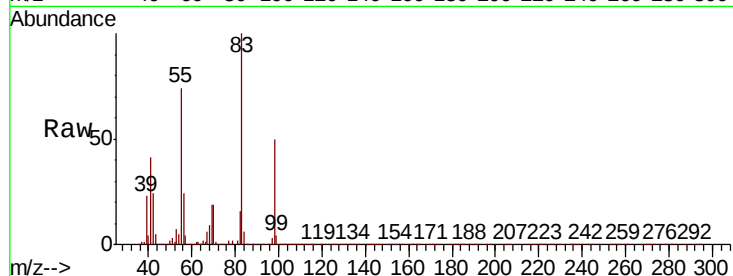
#39
Methvlcvclohexane
Concen: 46.835 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.9	92.9
98	49.5	39.4	59.0

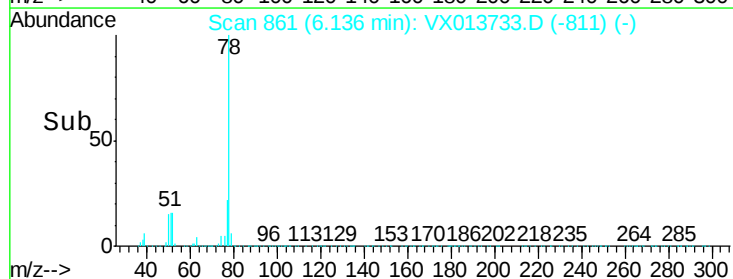
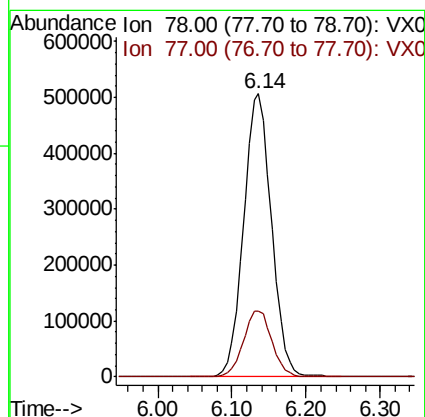
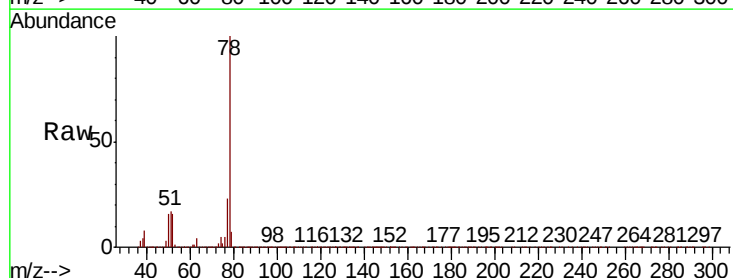
Manual Integrations
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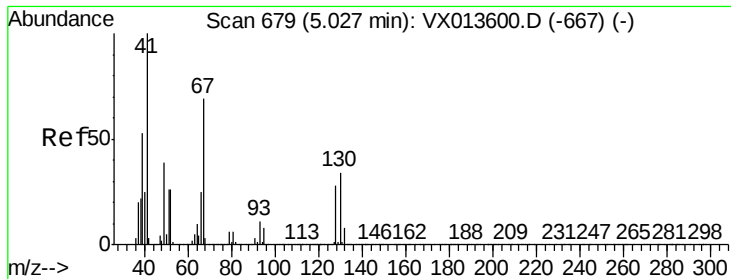
apatel
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#40
Benzene
Concen: 48.279 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





#41

Methacrylonitrile

Concen: 50.859 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

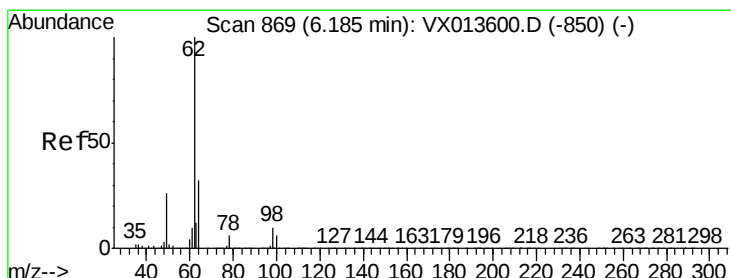
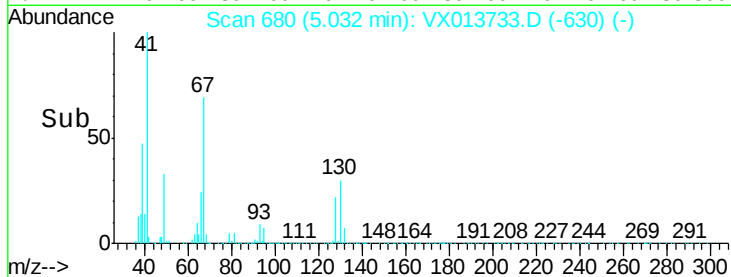
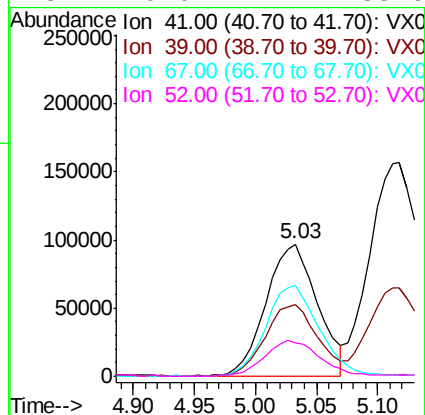
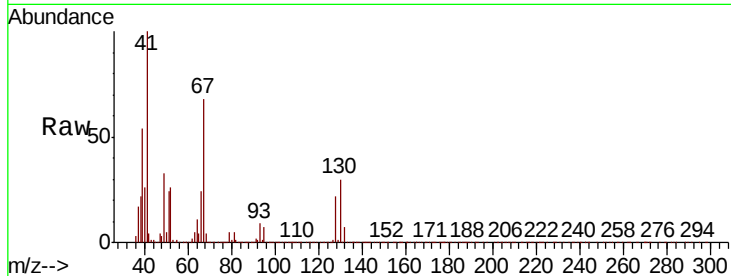
ClientSampleId :

S39-0191MSD

Tot Ion	Ratio	Resp	Lower	Upper
41	100	282470		
39	54.8		42.9	64.3
67	70.9		57.4	86.0
52	29.0		22.4	33.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.593 ug/l

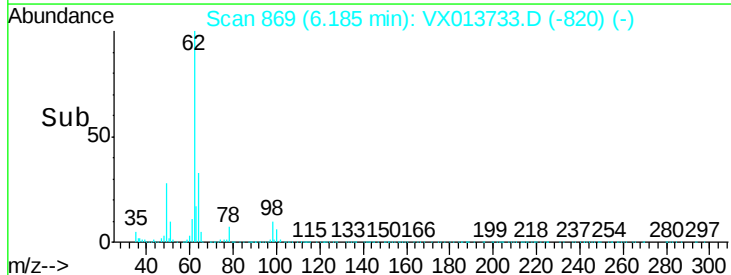
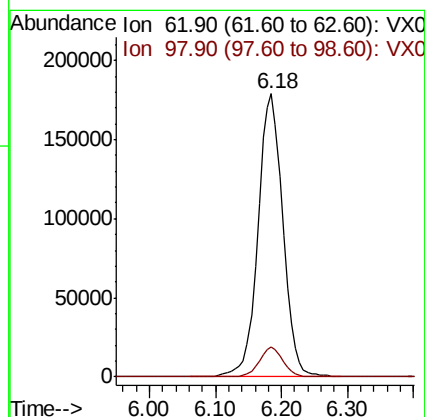
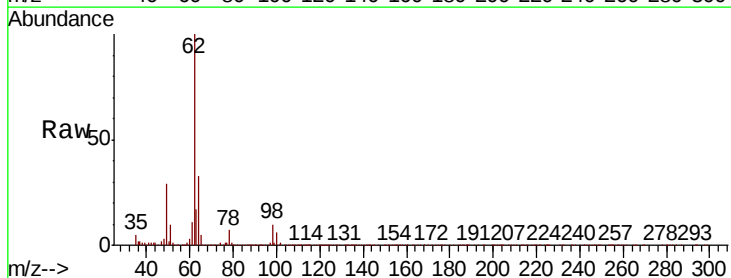
RT: 6.18 min Scan# 869

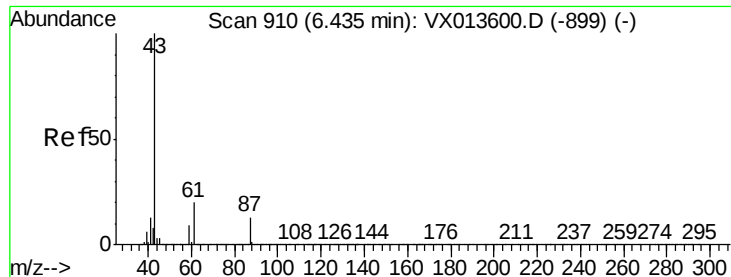
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	465013		
98	9.9		0.0	20.8





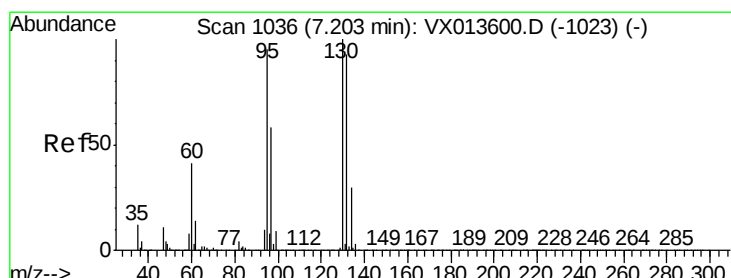
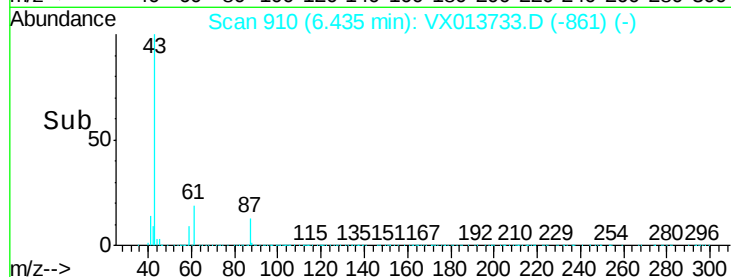
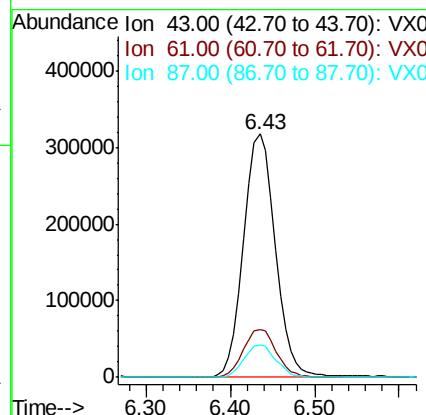
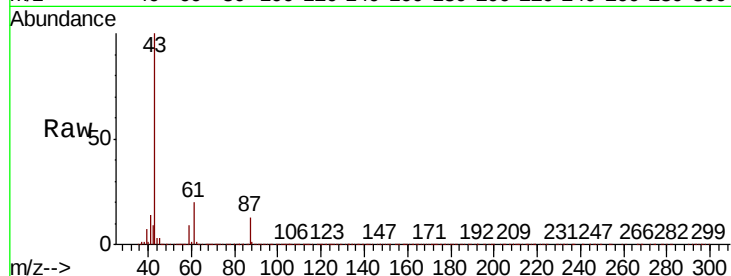
#43
Isopropyl Acetate
Concen: 48.235 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.4	10.8	16.2

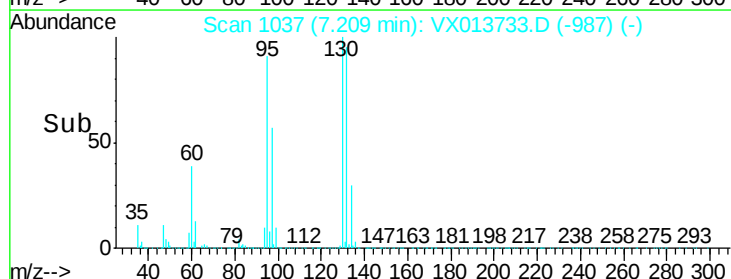
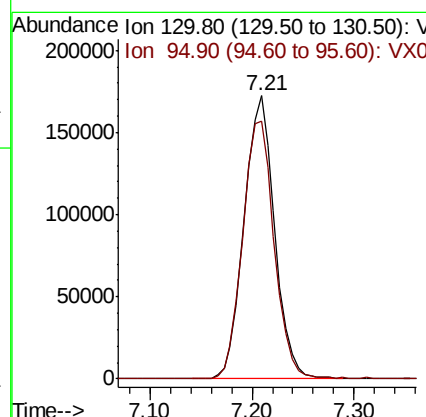
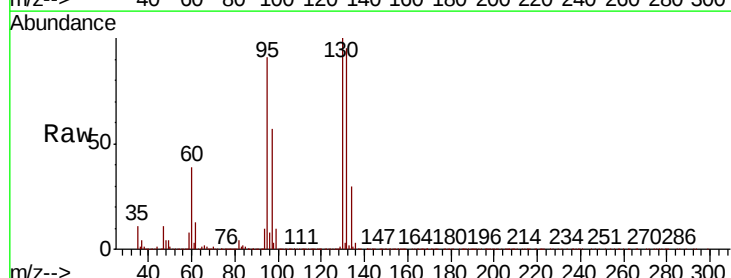
Manual Integrations
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#44
Trichloroethene
Concen: 47.578 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.995 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 63 Resp: 343912

Ion Ratio Lower Upper

63 100

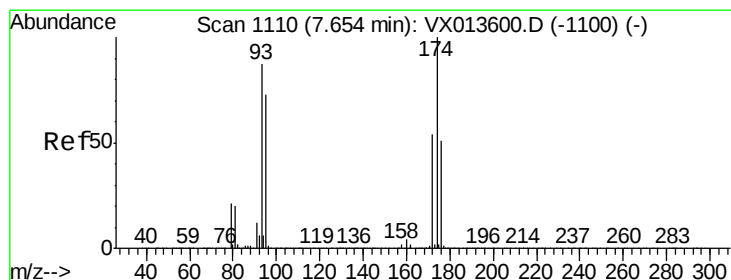
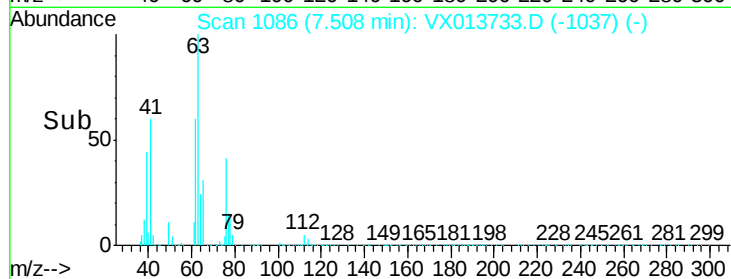
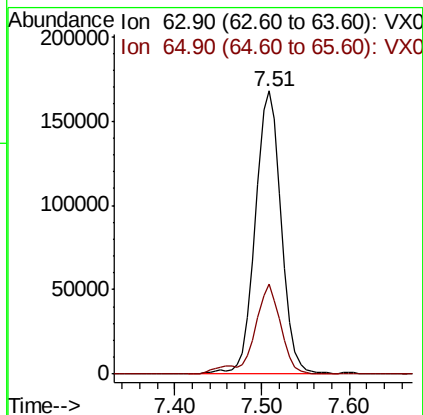
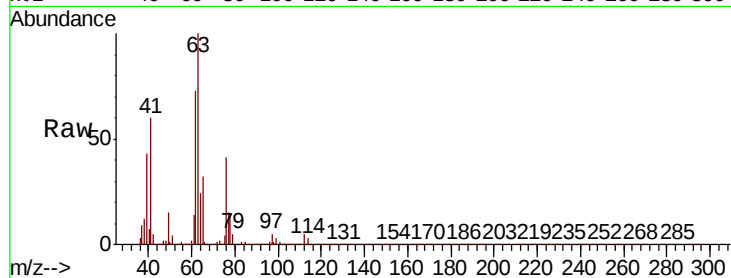
65 31.6 25.5 38.3

Manual Integrations

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#46

Dibromomethane

Concen: 48.283 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

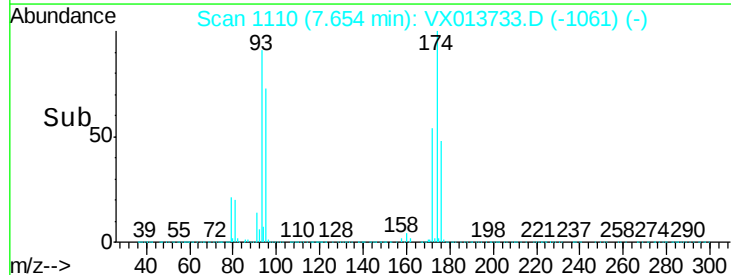
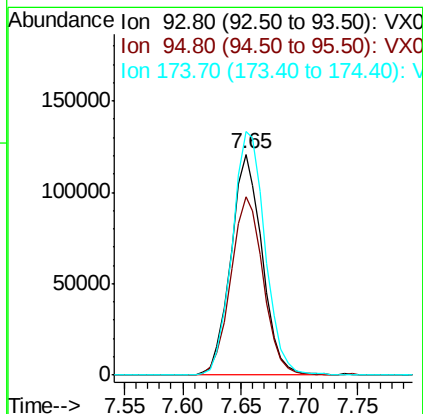
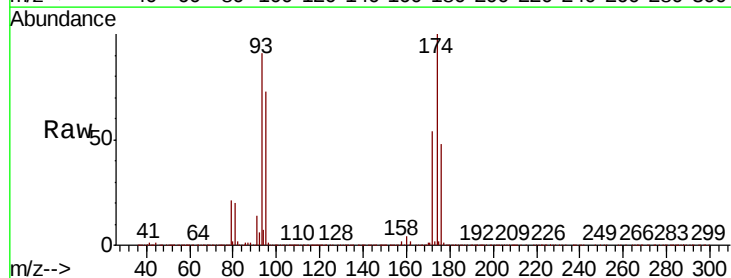
Tgt Ion: 93 Resp: 225580

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 51.199 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

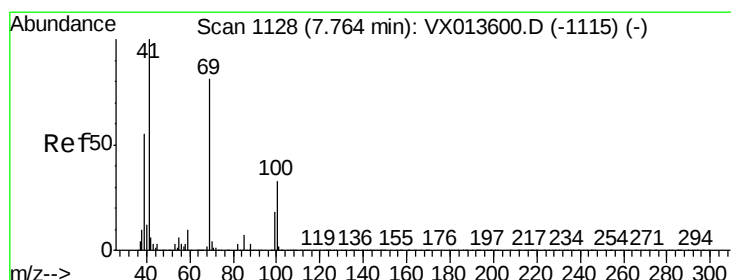
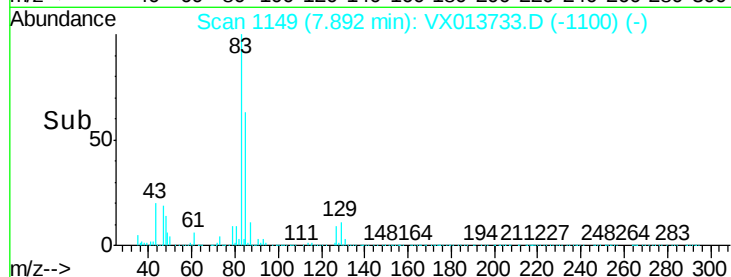
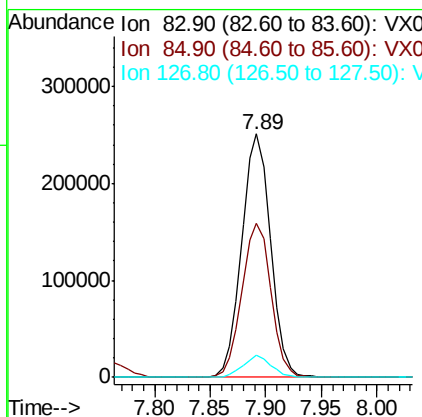
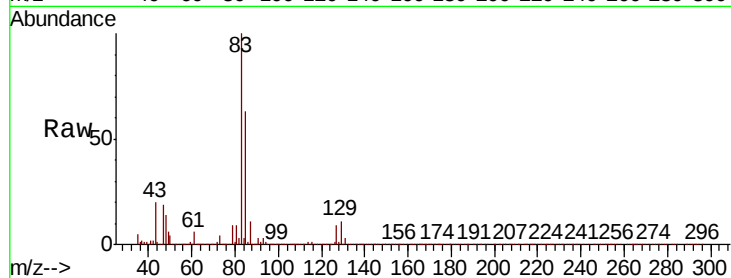
ClientSampleId :

S39-0191MSD

Tot Ion:	83	Resp:	452197
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.1	78.1
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.334 ug/l

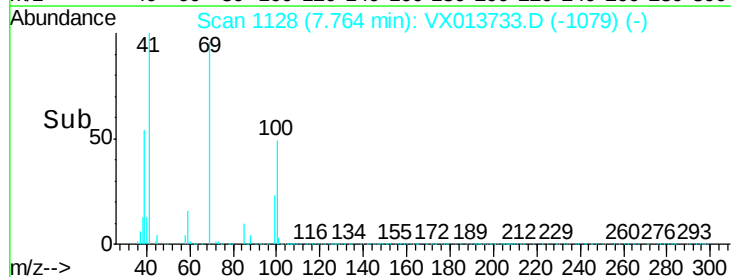
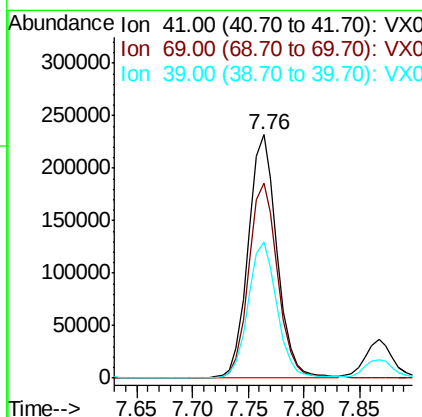
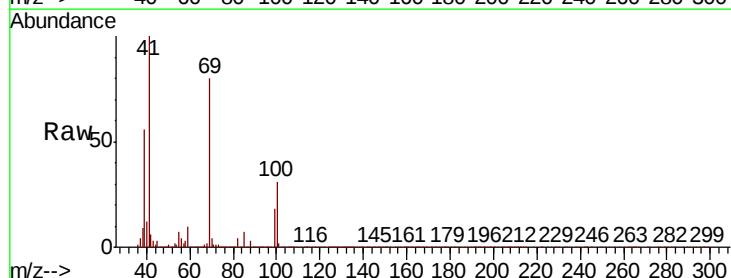
RT: 7.76 min Scan# 1128

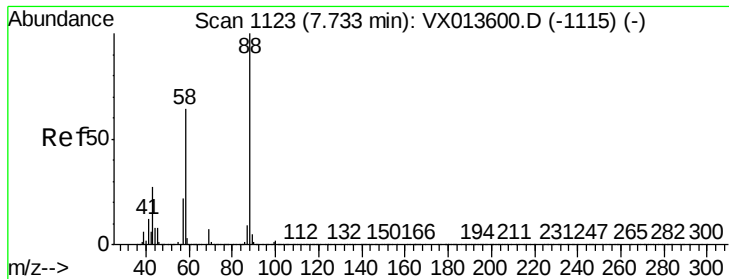
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	41	Resp:	415848
Ion Ratio	Lower	Upper	
41	100		
69	81.1	64.7	97.1
39	55.8	43.8	65.6





#49

1,4-Dioxane

Concen: 856.562 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

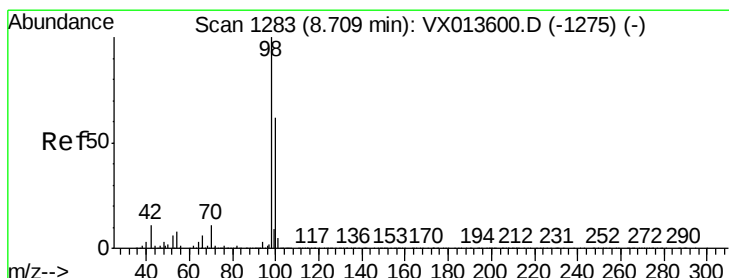
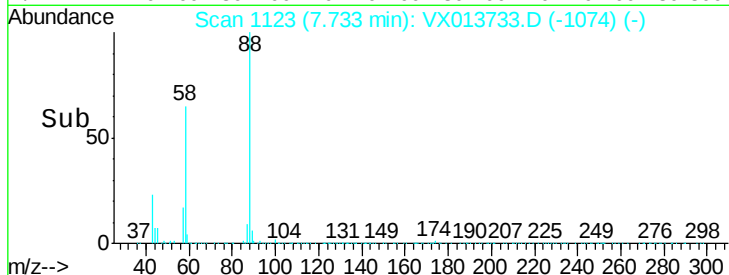
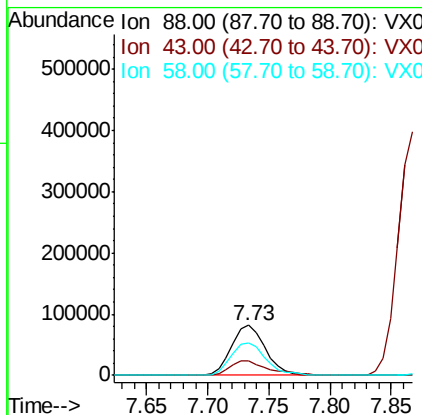
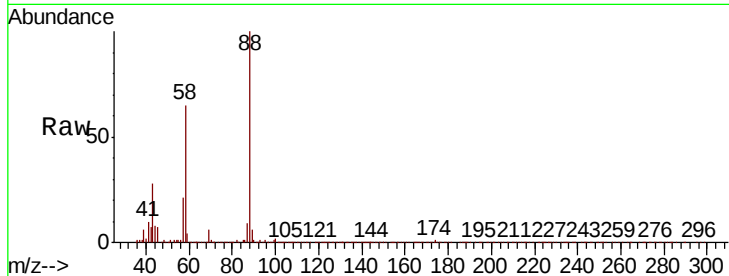
ClientSampleId :

S39-0191MSD

Tot Ion:	88	Resp:	155318
Ion Ratio		Lower	Upper
88	100		
43	33.6	25.8	38.6
58	68.5	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 47.472 ug/l

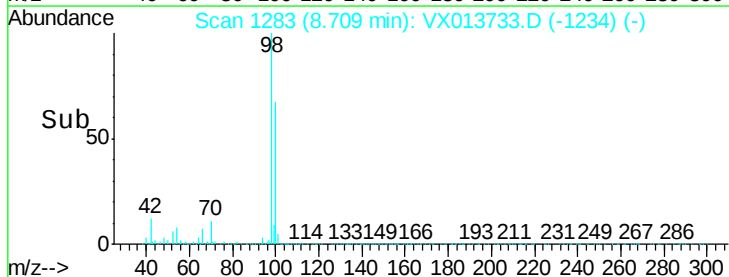
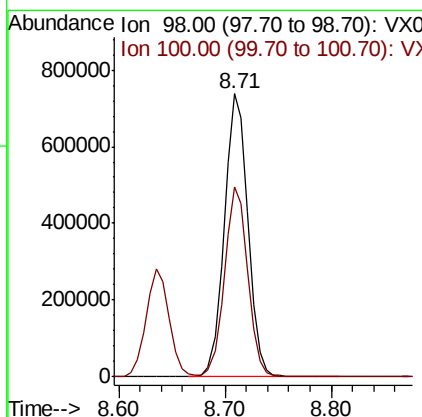
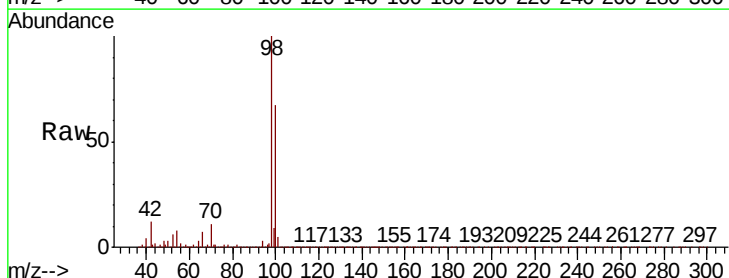
RT: 8.71 min Scan# 1283

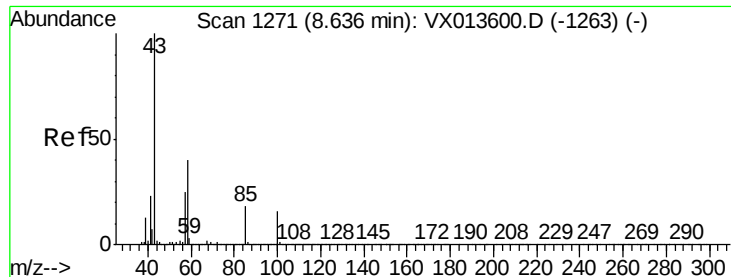
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	98	Resp:	1137085
Ion Ratio		Lower	Upper
98	100		
100	66.6	53.1	79.7





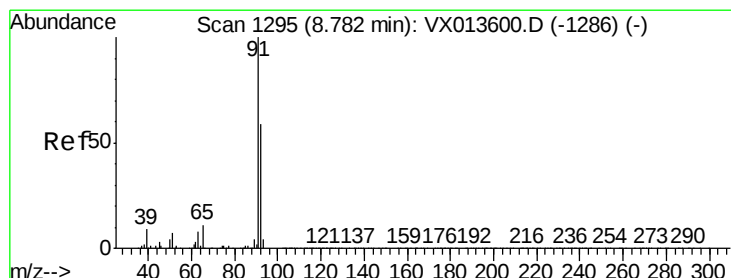
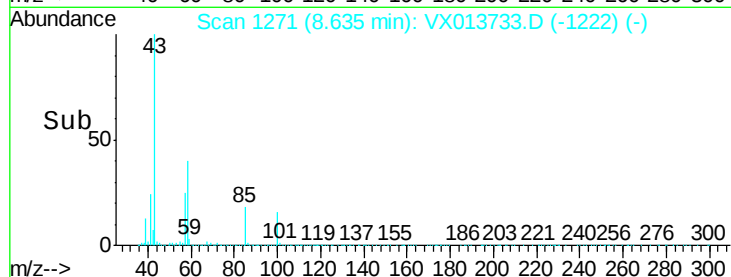
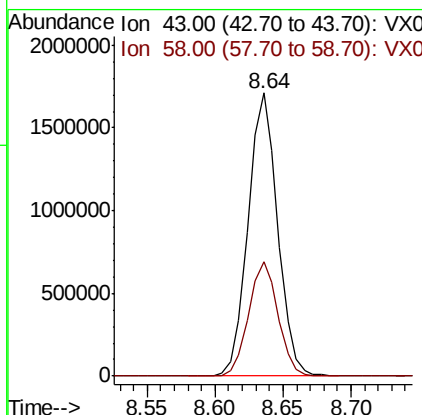
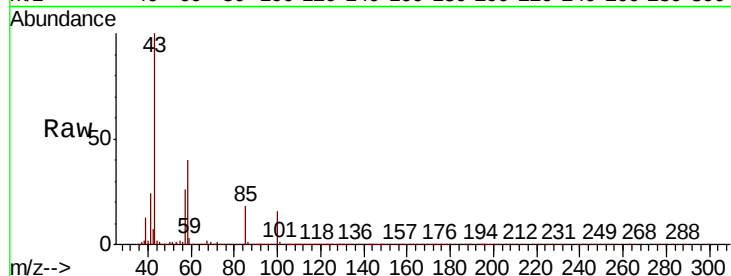
#51
4-Methyl-2-Pentanone
Concen: 248.462 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion: 43 Resp: 2605731
Ion Ratio Lower Upper
43 100
58 40.3 32.1 48.1

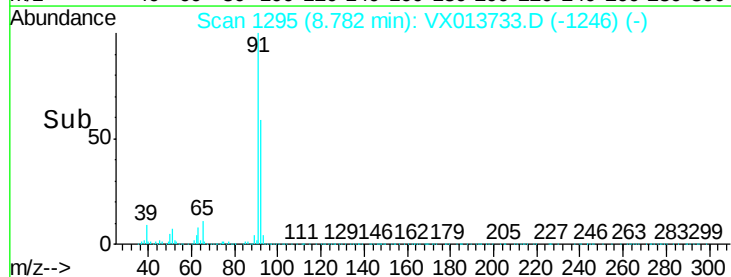
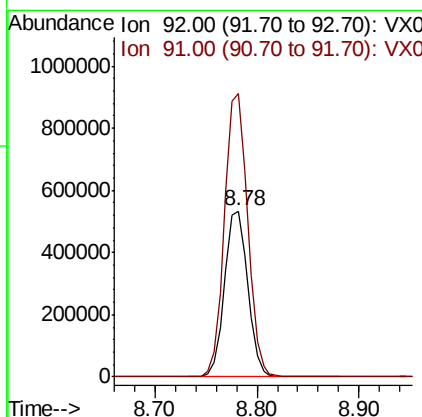
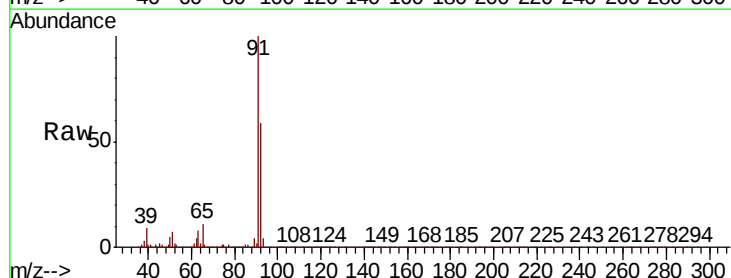
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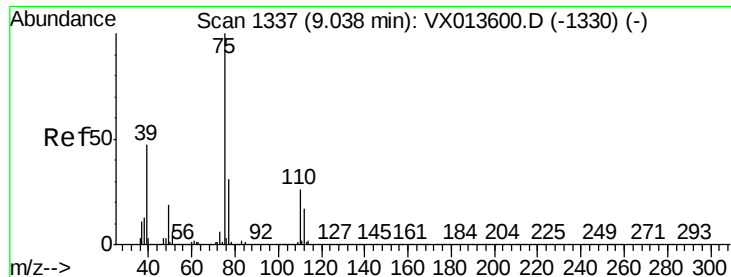
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#52
Toluene
Concen: 49.383 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 92 Resp: 843486
Ion Ratio Lower Upper
92 100
91 170.5 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 49.453 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 75 Resp: 497166

Ion Ratio Lower Upper

75 100

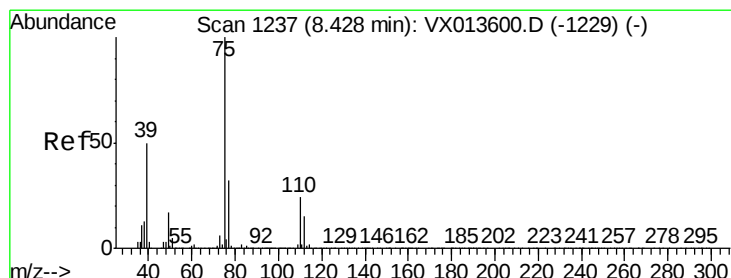
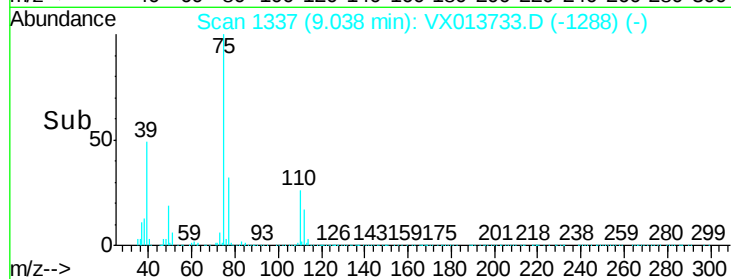
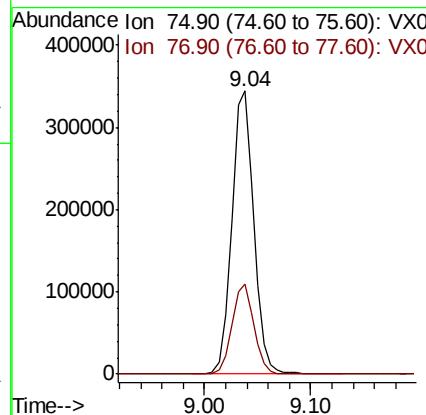
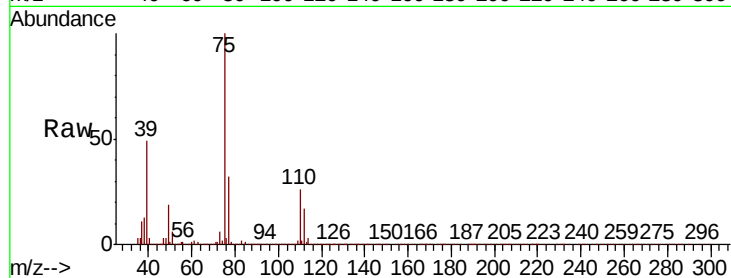
77 31.8 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 49.982 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

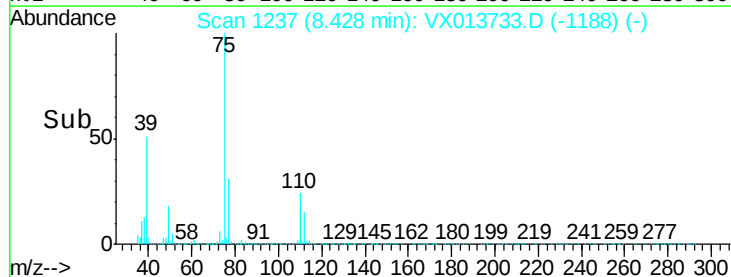
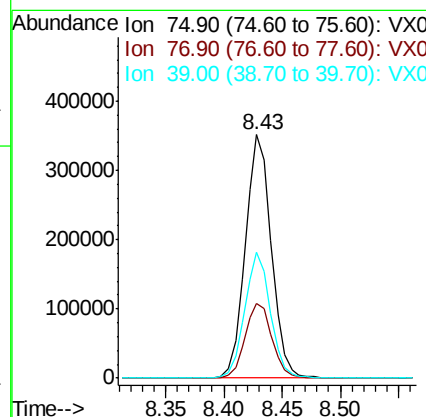
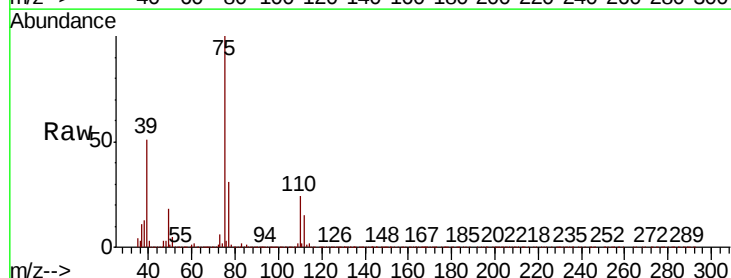
Tgt Ion: 75 Resp: 548975

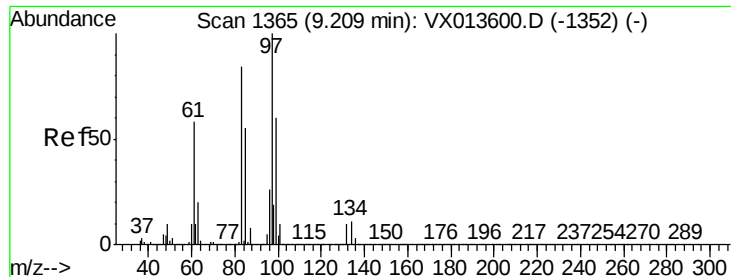
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.6

39 51.3 39.9 59.9





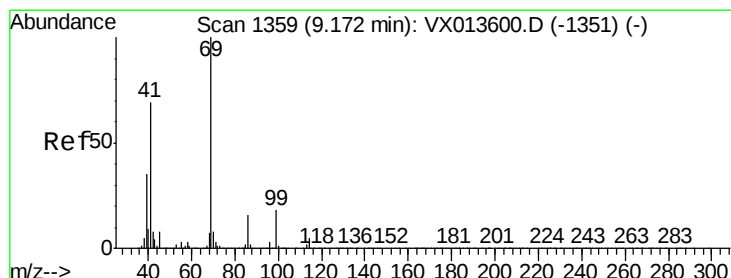
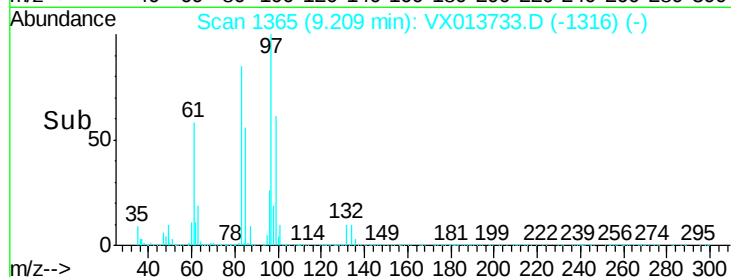
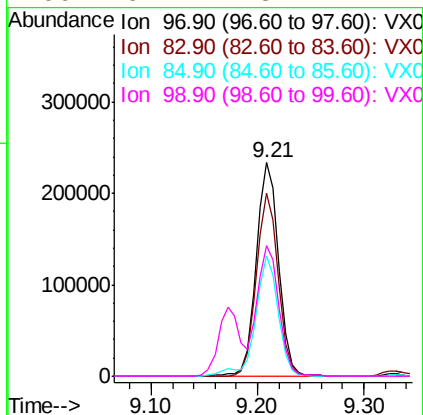
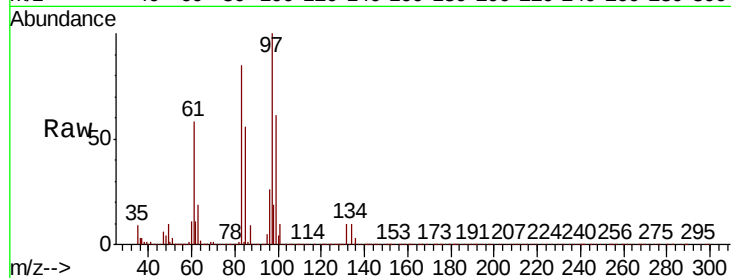
#55
 1,1,2-Trichloroethane
 Concen: 49.983 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		344036		
83	85.4	67.3	100.9		
85	56.4	43.6	65.4		
99	61.4	48.2	72.4		

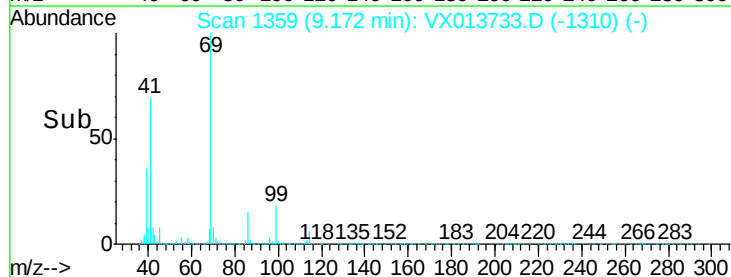
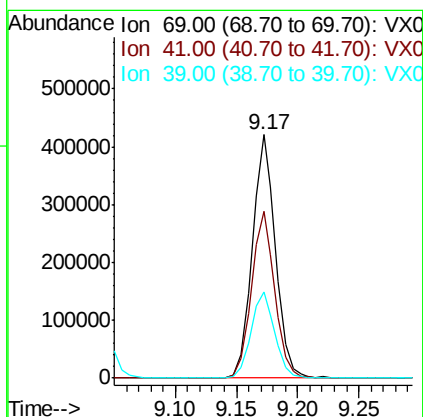
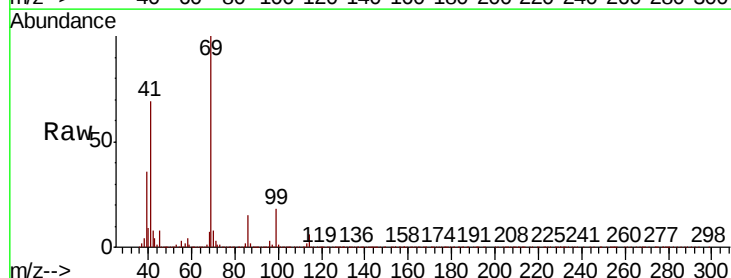
Manual Integrations
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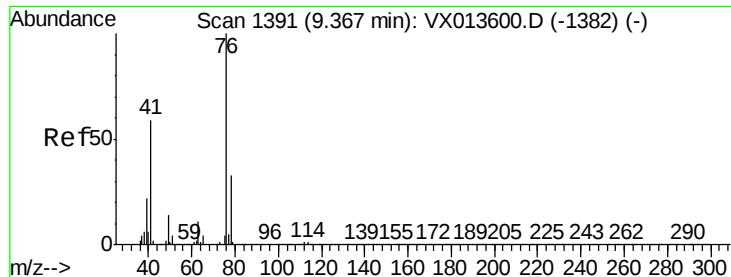
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#56
 Ethyl methacrylate
 Concen: 50.193 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		555447		
41	68.8	55.0	82.4		
39	36.4	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.655 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 76 Resp: 577251

Ion Ratio Lower Upper

76 100

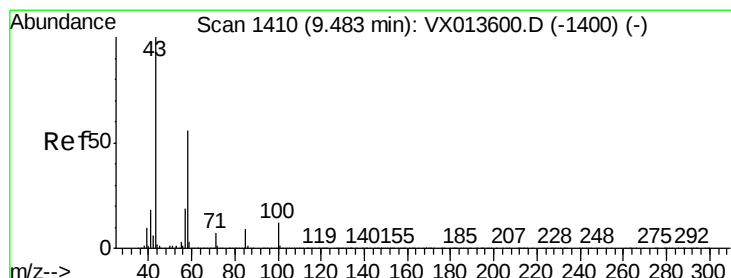
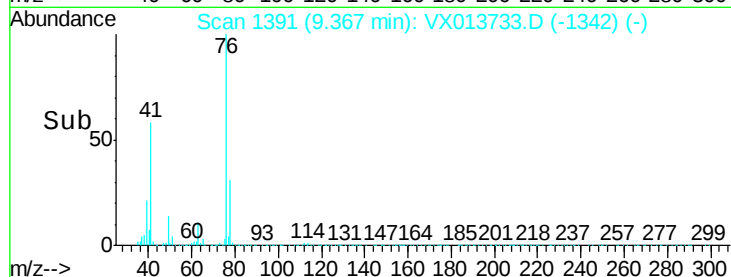
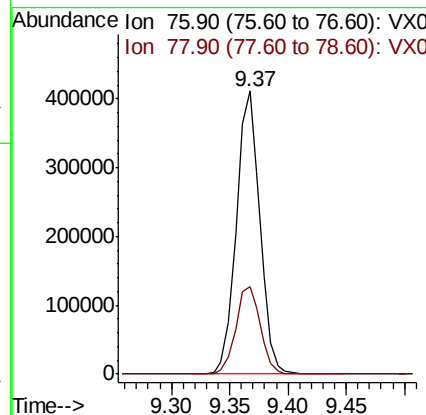
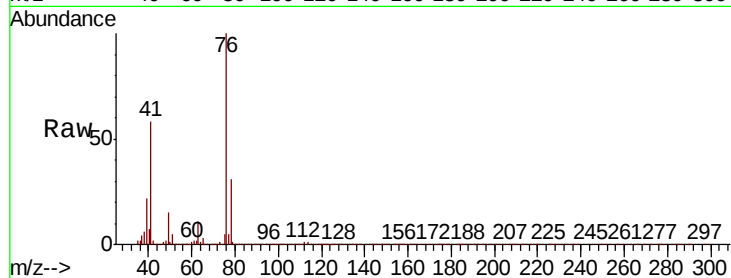
78 32.2 26.0 39.0

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#59

2-Hexanone

Concen: 242.636 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013733.D

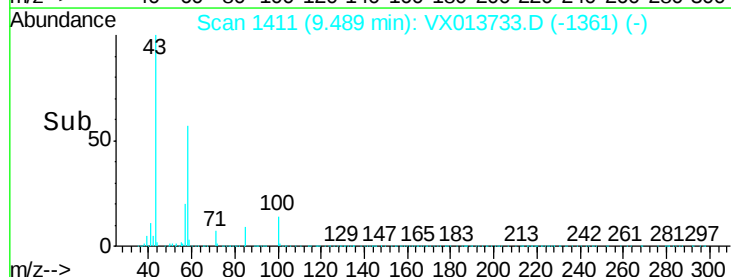
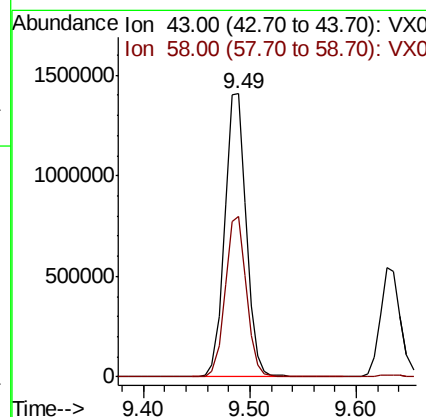
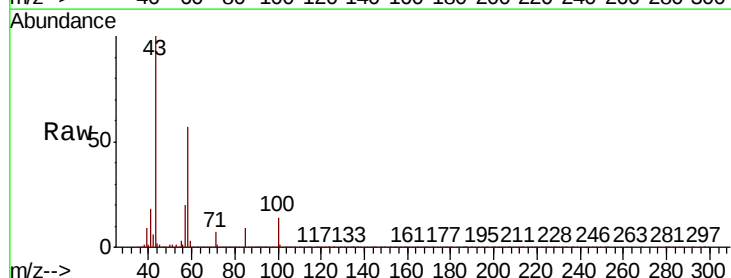
Acq: 03 Dec 2019 18:31

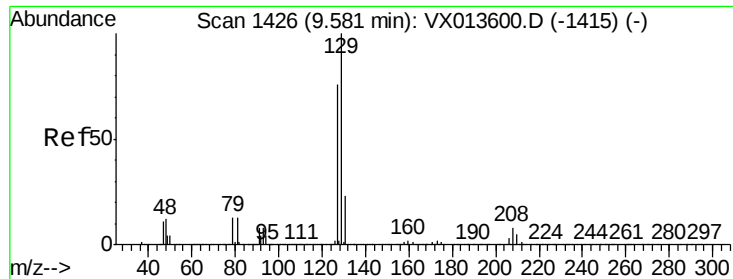
Tgt Ion: 43 Resp: 1984620

Ion Ratio Lower Upper

43 100

58 56.2 28.1 84.4





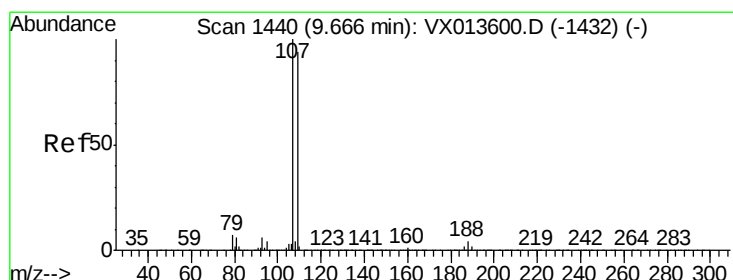
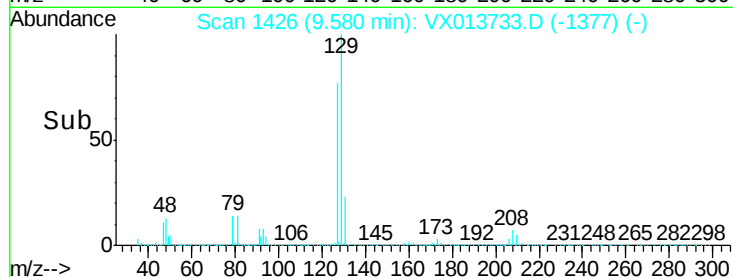
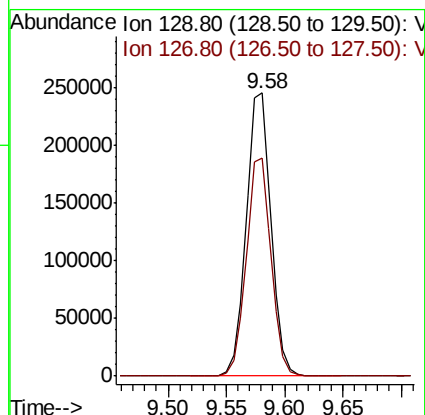
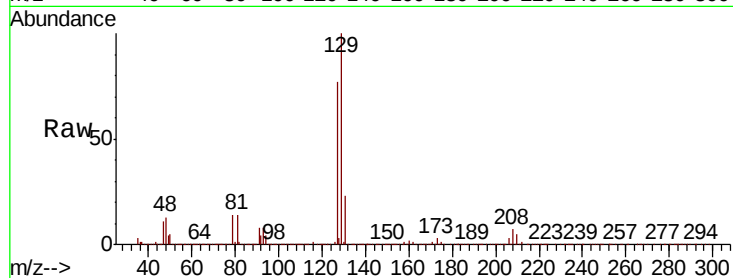
#60
Dibromochloromethane
Concen: 51.035 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.5

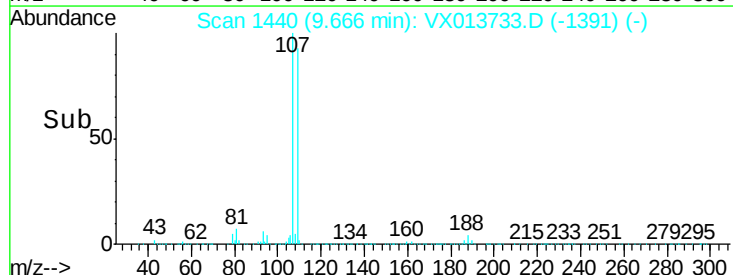
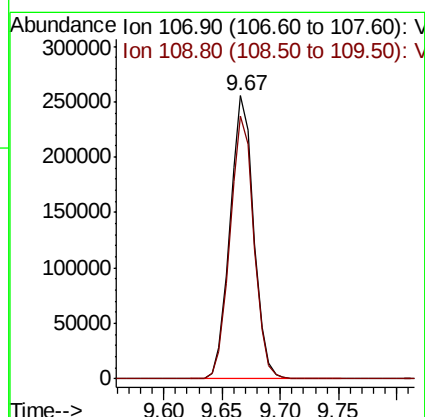
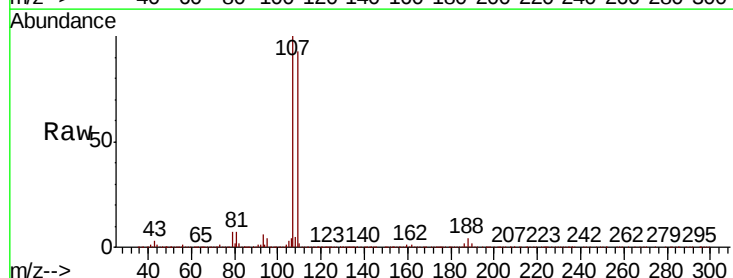
Manual Integrations
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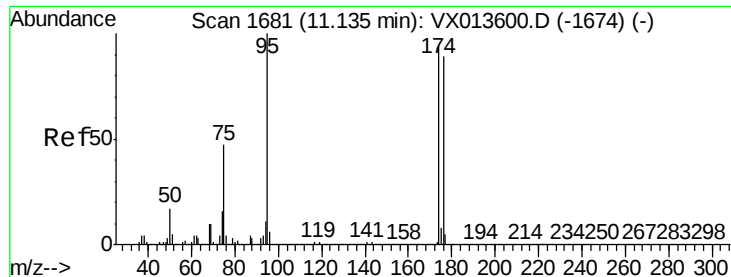
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#61
1,2-Dibromoethane
Concen: 49.170 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.5	76.1	114.1





#62

4-Bromofluorobenzene

Concen: 47.359 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

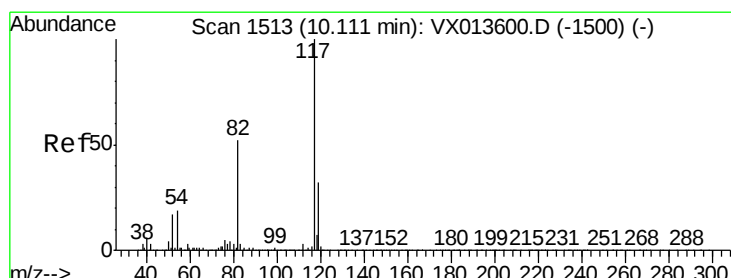
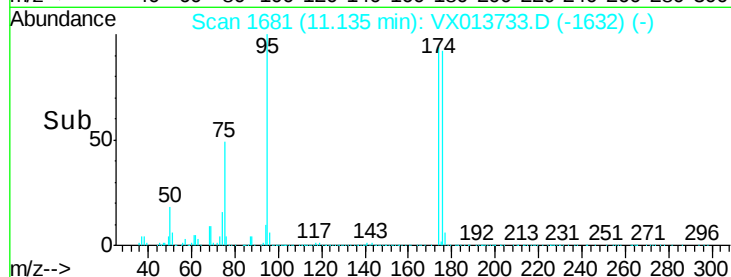
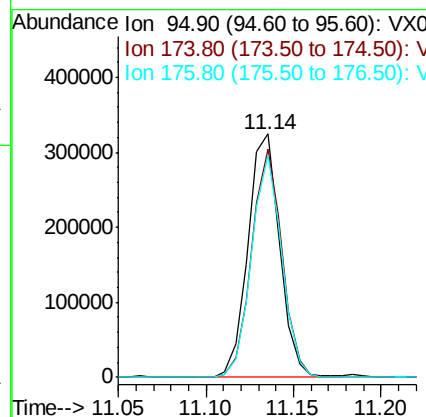
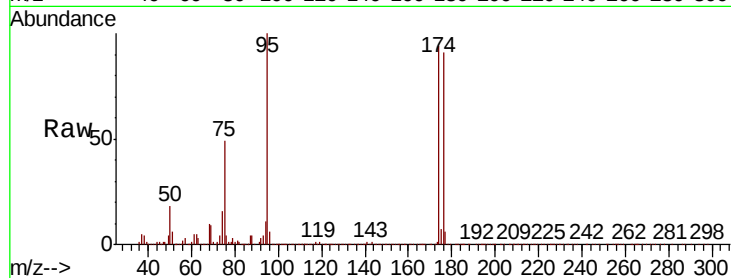
ClientSampleId :

S39-0191MSD

Tot Ion:	95	Resp:	409064
Ion Ratio	Lower	Upper	
95	100		
174	89.8	0.0	180.0
176	87.2	0.0	173.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

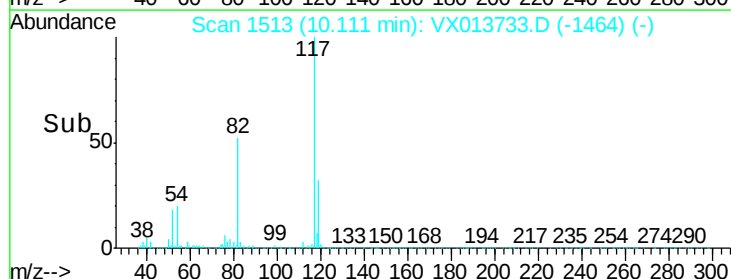
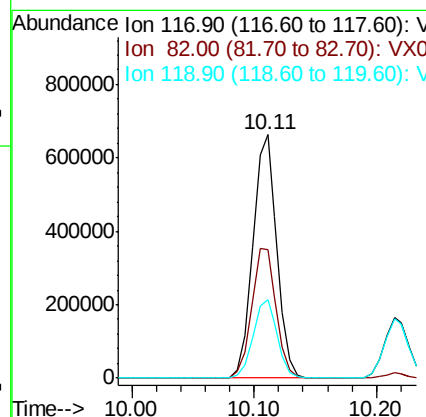
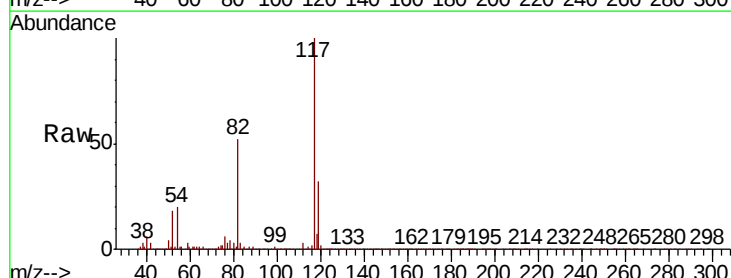
RT: 10.11 min Scan# 1513

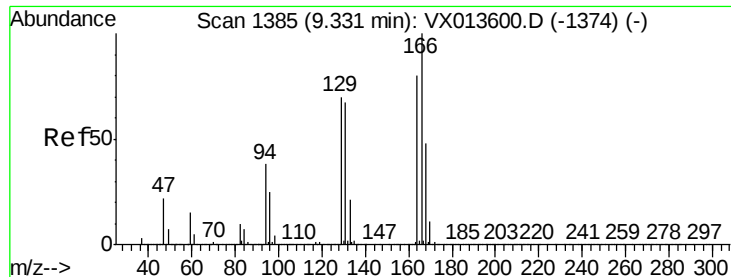
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	117	Resp:	898557
Ion Ratio	Lower	Upper	
117	100		
82	52.5	41.8	62.8
119	32.0	25.8	38.8





#64

Tetrachloroethene

Concen: 58.731 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

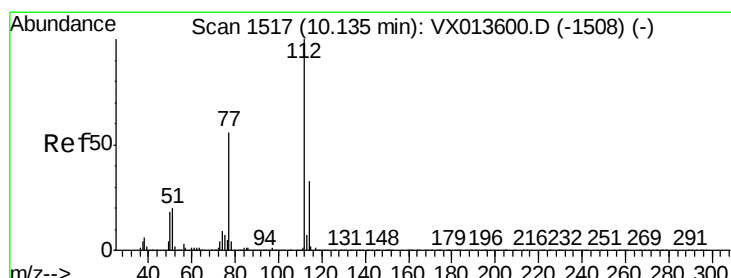
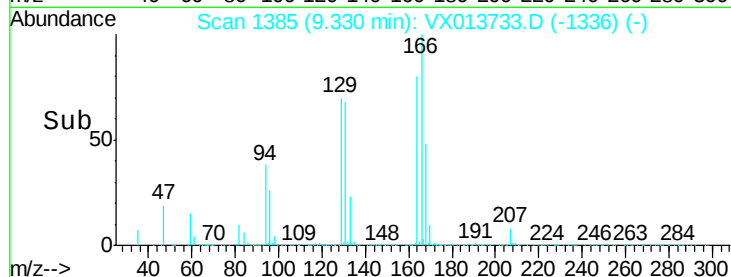
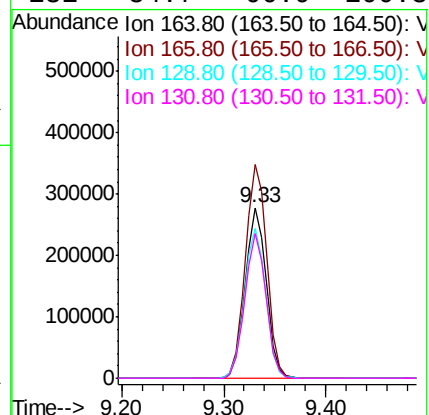
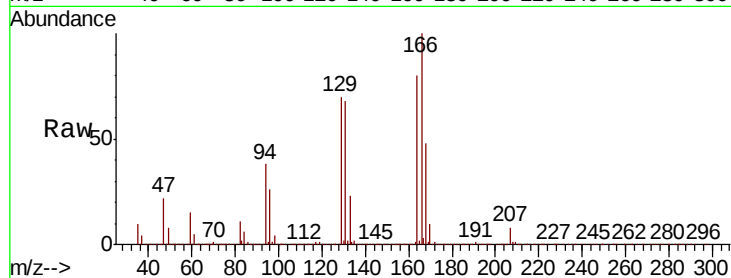
ClientSampleId :

S39-0191MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.3	99.7	149.5	
129	87.7	70.1	105.1	
131	84.7	66.9	100.3	

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#65

Chlorobenzene

Concen: 48.281 ug/l

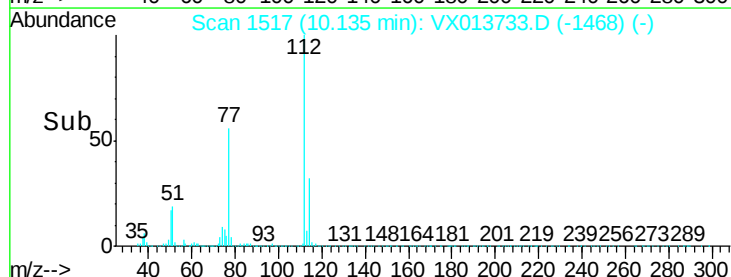
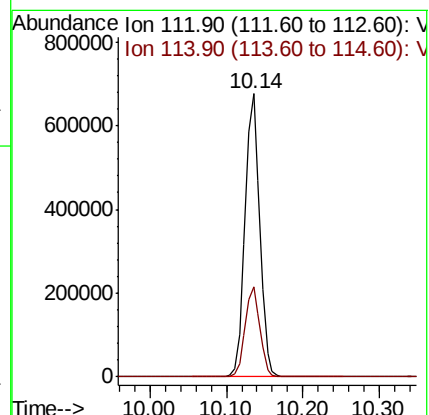
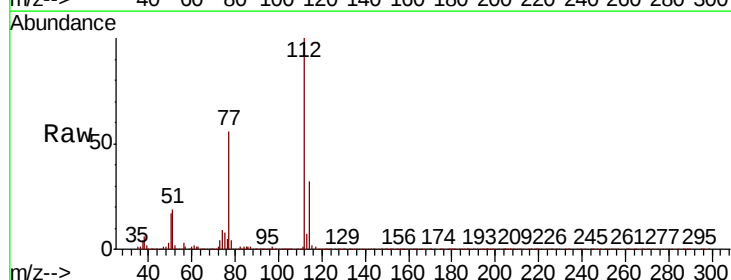
RT: 10.14 min Scan# 1517

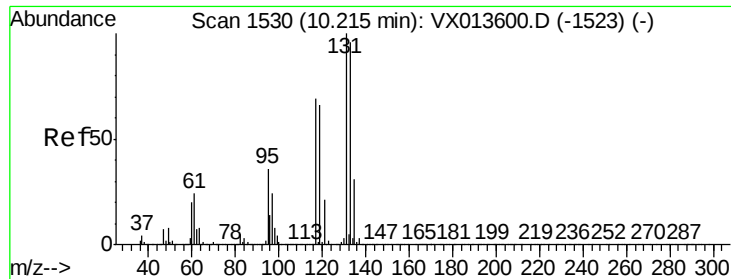
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.6	26.1	39.1	





#66

1,1,1,2-Tetrachloroethane

Concen: 50.439 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

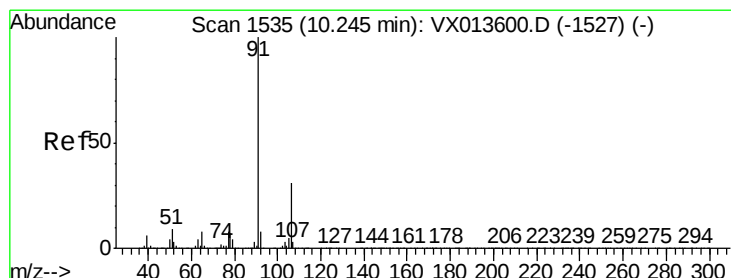
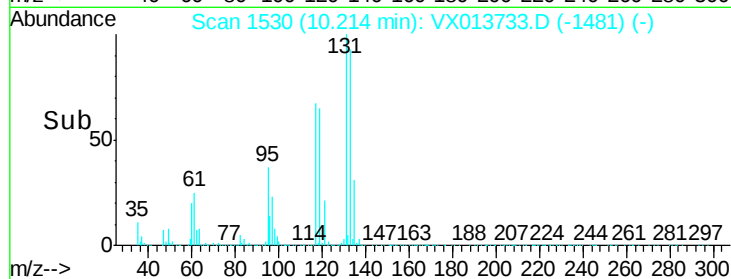
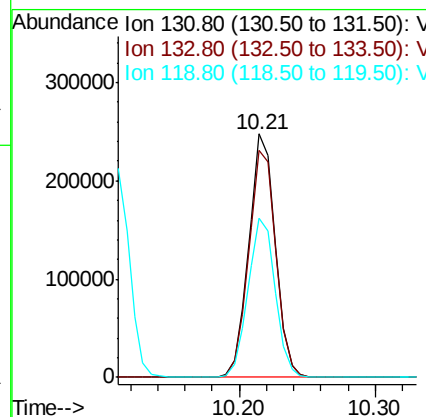
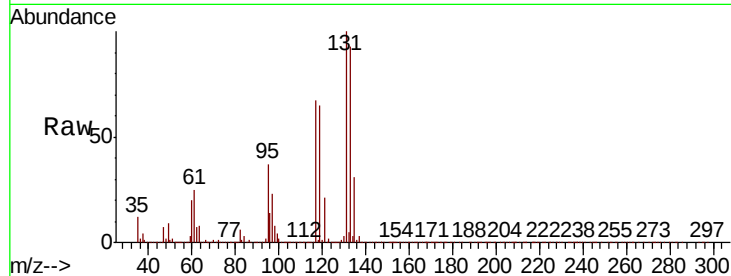
ClientSampleId :

S39-0191MSD

Tot Ion:	131	Resp:	337897
Ion Ratio	Lower	Upper	
131	100		
133	95.4	47.7	143.1
119	66.9	32.9	98.6

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#67

Ethyl Benzene

Concen: 49.236 ug/l

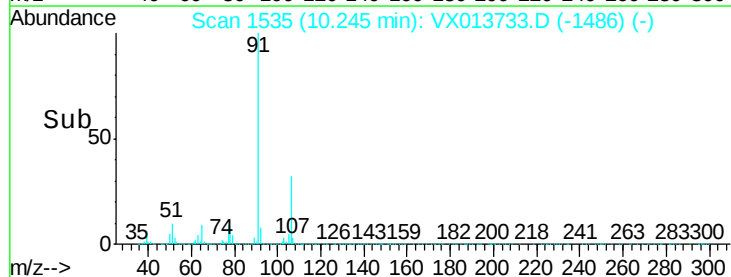
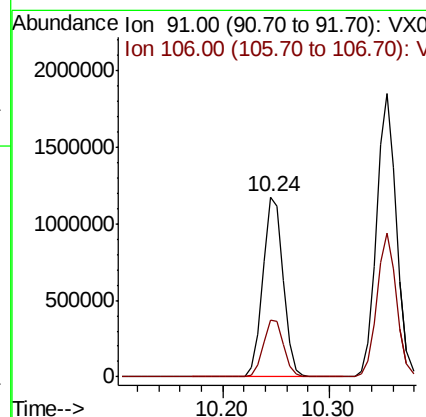
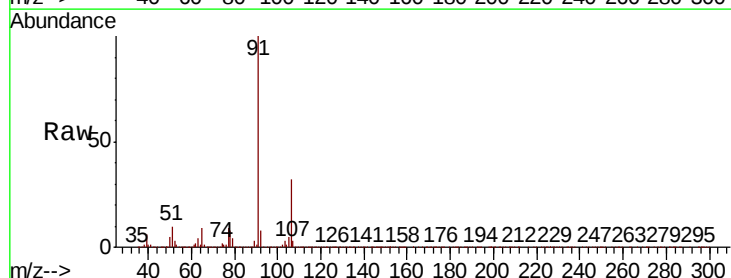
RT: 10.24 min Scan# 1535

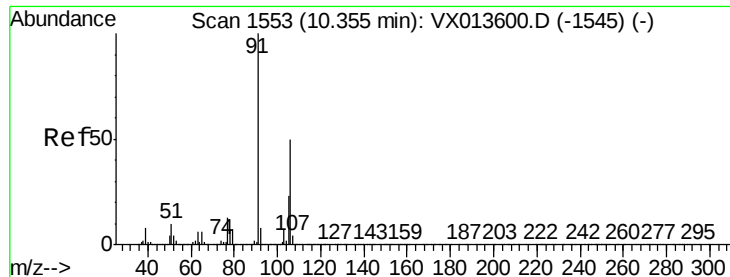
Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Tgt Ion:	91	Resp:	1578399
Ion Ratio	Lower	Upper	
91	100		
106	31.7	24.5	36.7





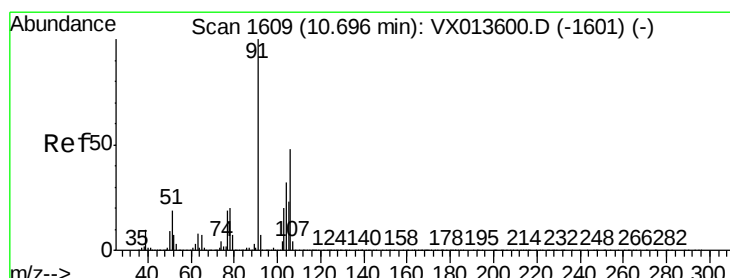
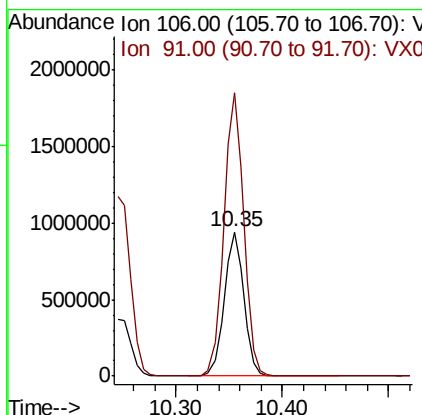
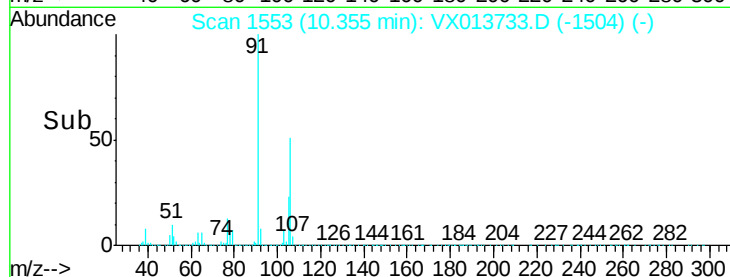
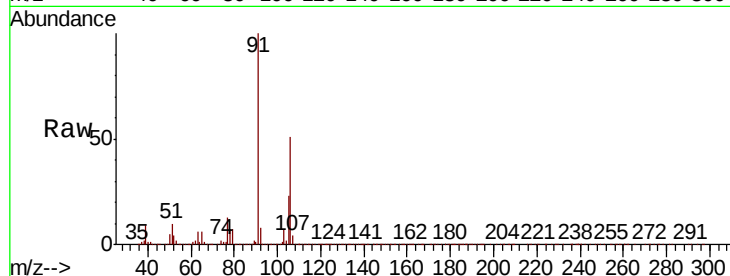
#68
m/p-Xylenes
Concen: 98.153 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion:106 Resp: 1204691
Ion Ratio Lower Upper
106 100
91 199.2 159.0 238.4

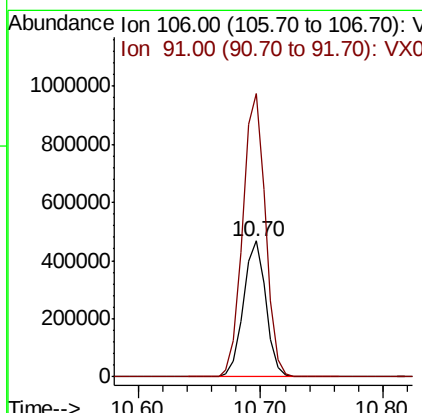
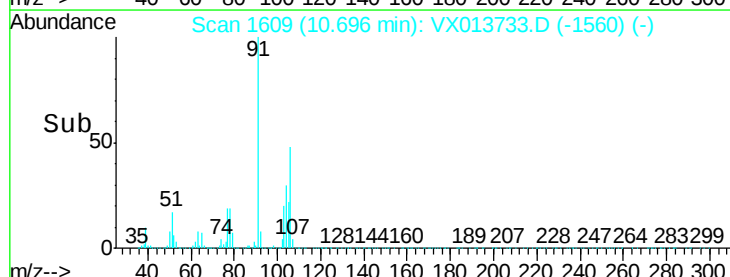
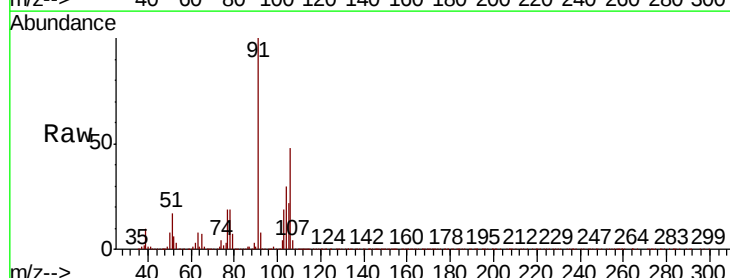
Manual Integrations
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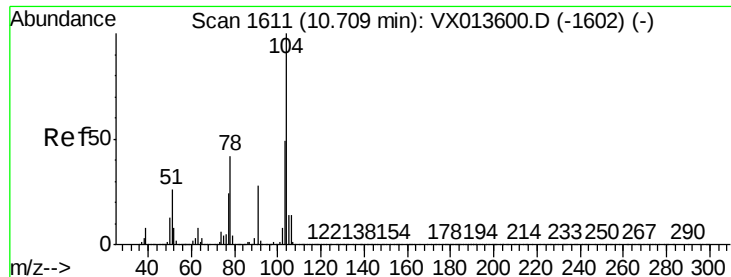
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#69
o-Xylene
Concen: 49.337 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion:106 Resp: 590588
Ion Ratio Lower Upper
106 100
91 210.2 104.1 312.2





#70

Stvrene

Concen: 50.505 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion:104 Resp: 1016986

Ion Ratio Lower Upper

104 100

78 48.2 38.5 57.7

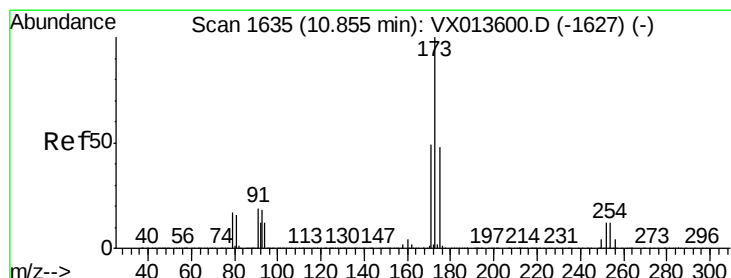
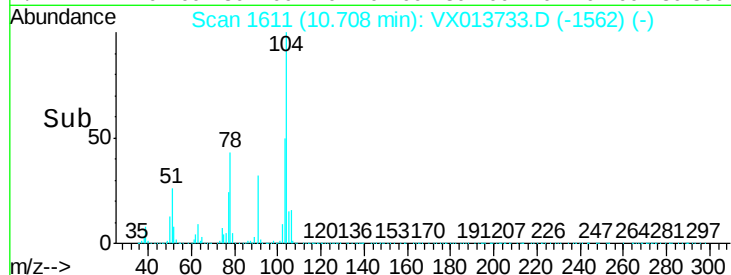
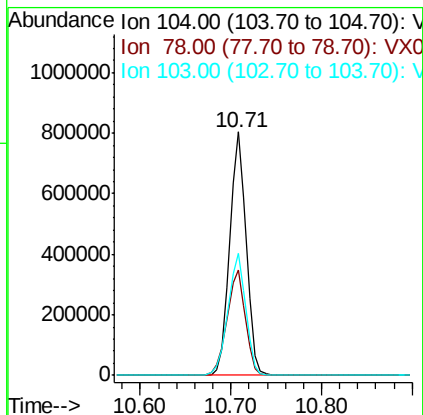
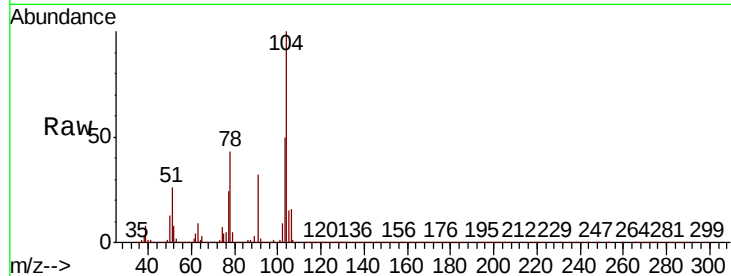
103 53.9 43.7 65.5

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#71

Bromoform

Concen: 50.940 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

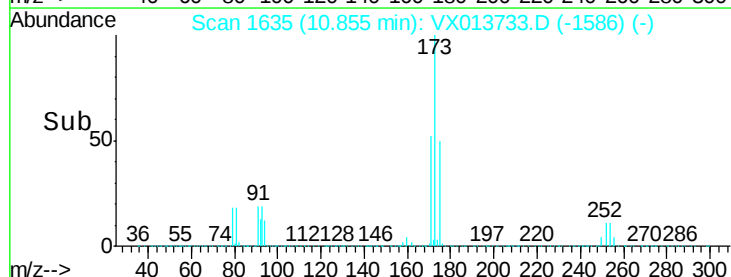
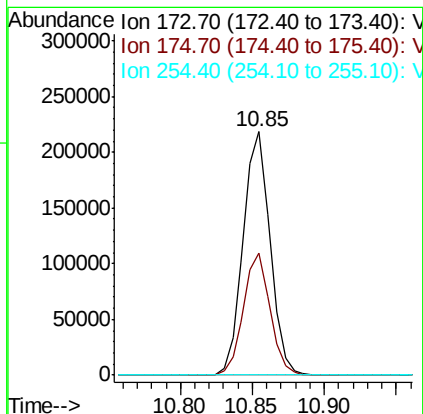
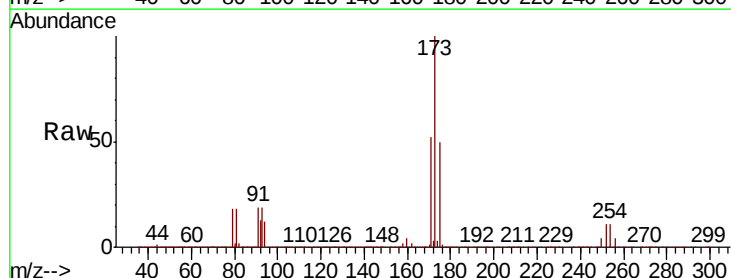
Tgt Ion:173 Resp: 282362

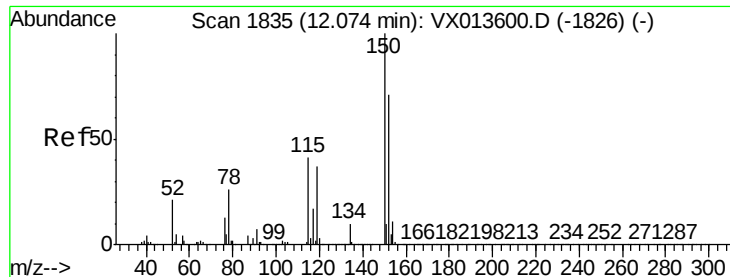
Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

254 0.3 0.2 0.4





#72

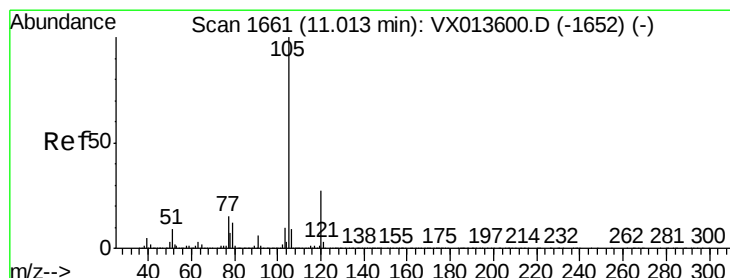
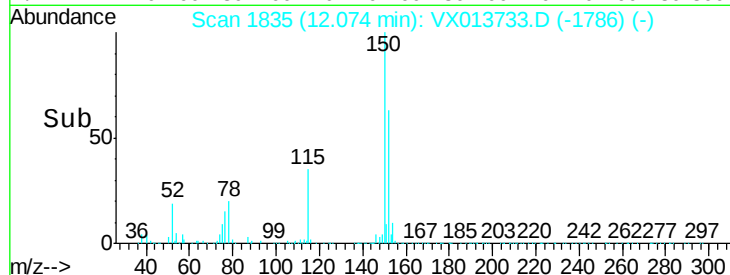
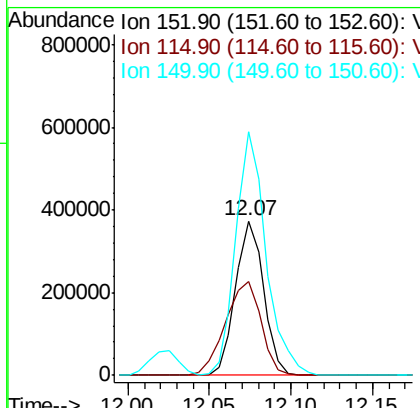
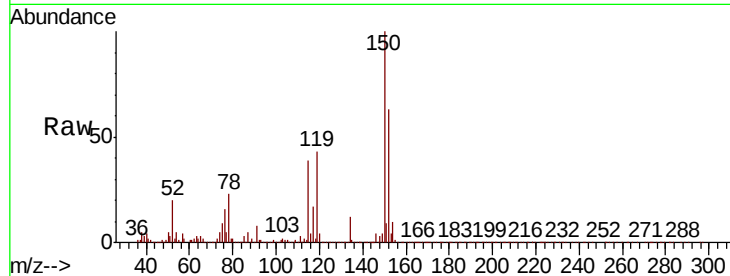
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.1	38.4	115.1
150	171.1	0.0	346.8

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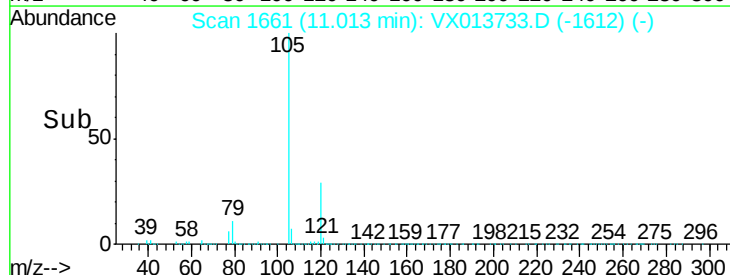
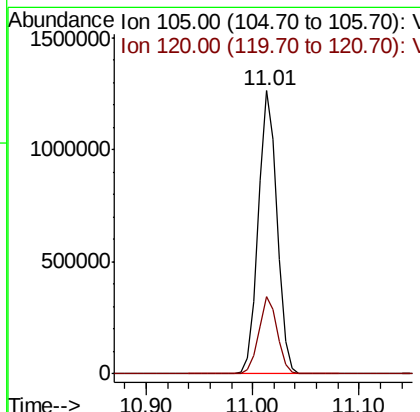
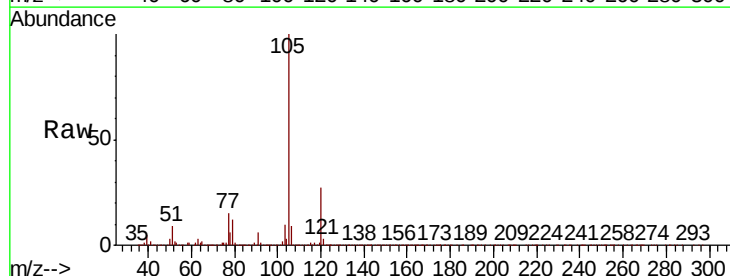
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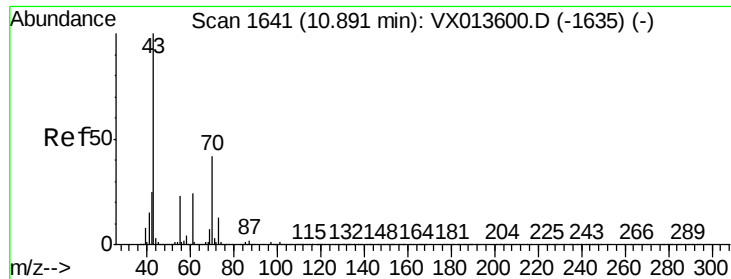


#73

Isopropylbenzene
Concen: 49.758 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5





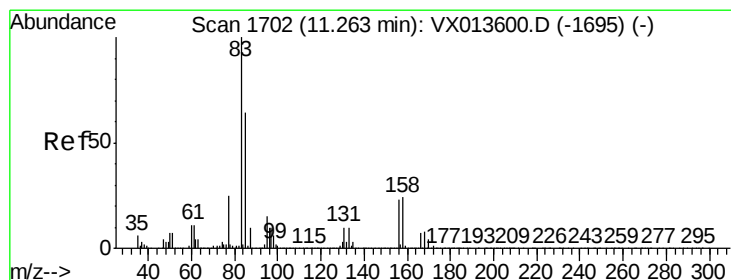
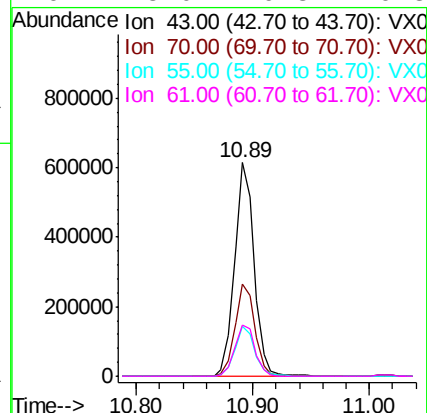
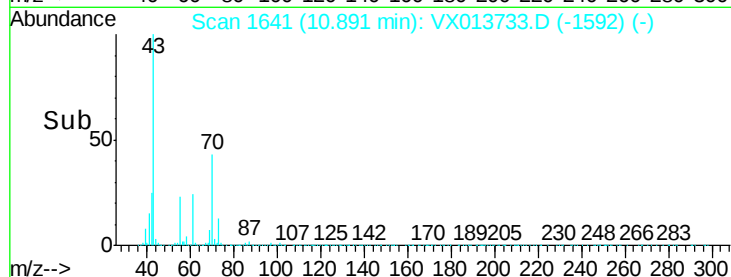
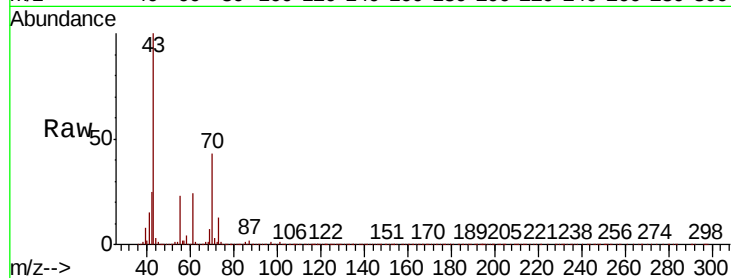
#74
N-amvl acetate
Concen: 49.746 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	44.0	34.3	51.5
55	24.0	18.5	27.7
61	25.0	19.8	29.8

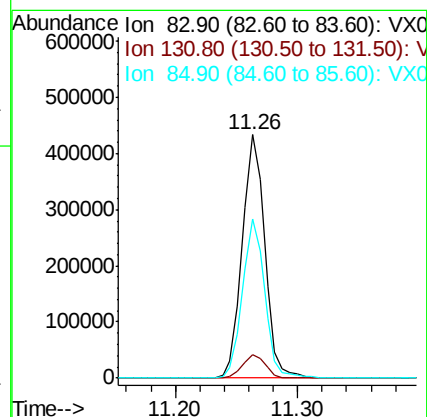
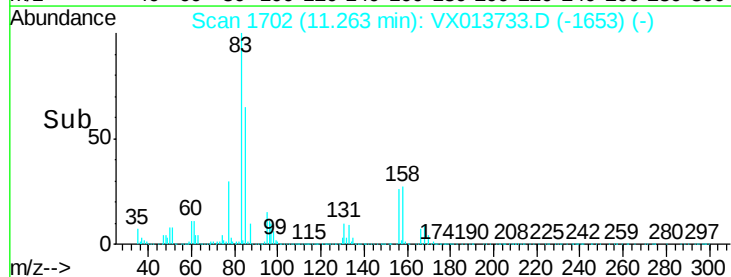
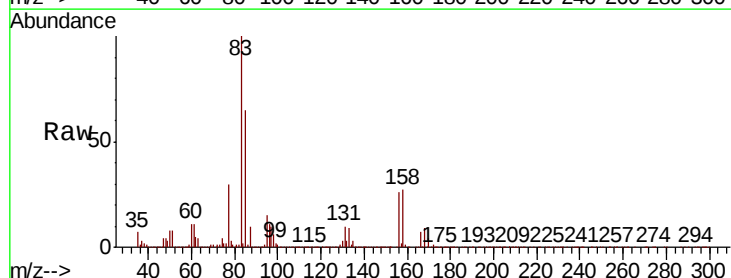
Manual Integrations
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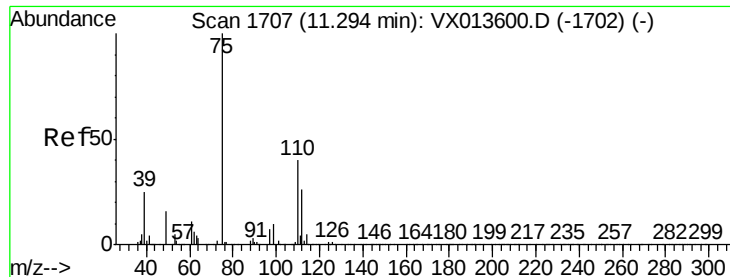
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#75
1,1,2,2-Tetrachloroethane
Concen: 50.529 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.1	15.3
85	64.7	31.8	95.3





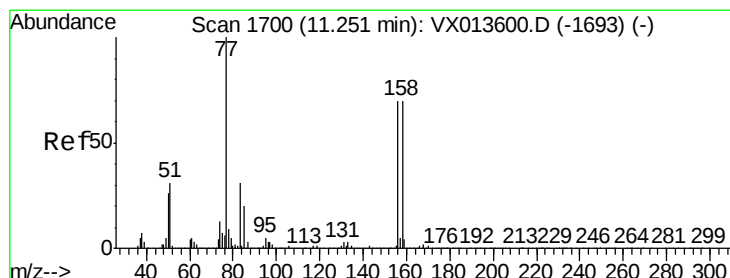
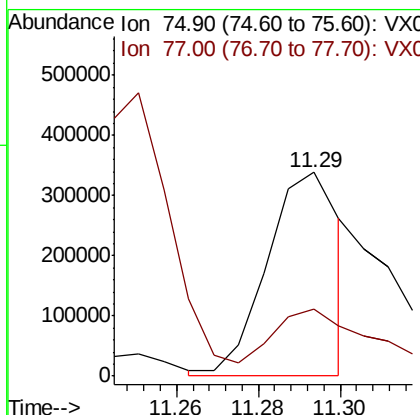
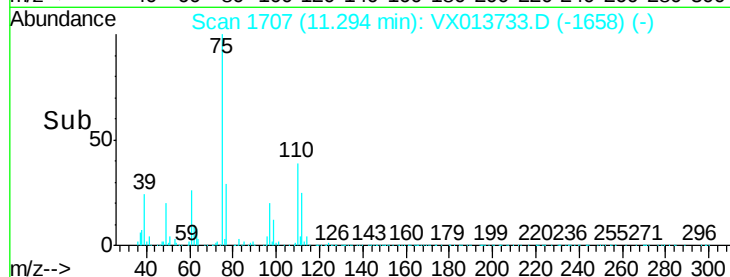
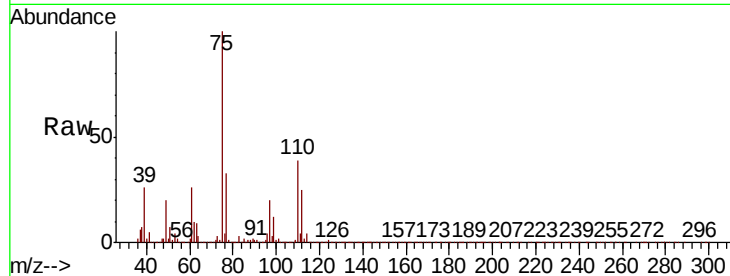
#76
 1,2,3-Trichloropropane
 Concen: 41.625 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	46.1	19.1	57.5

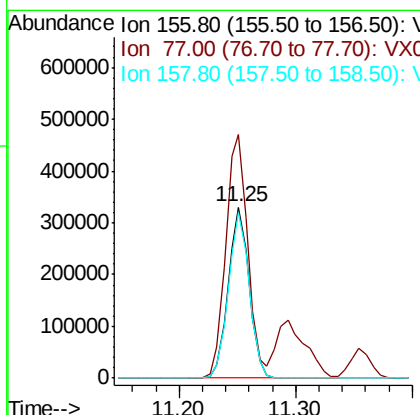
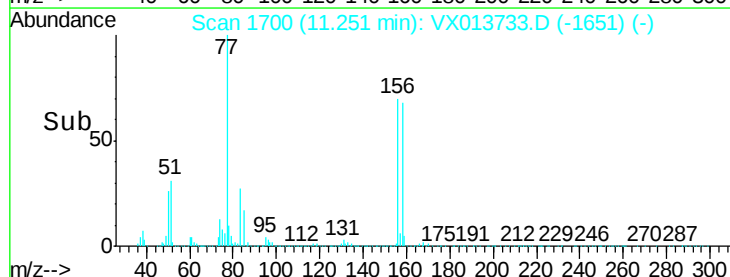
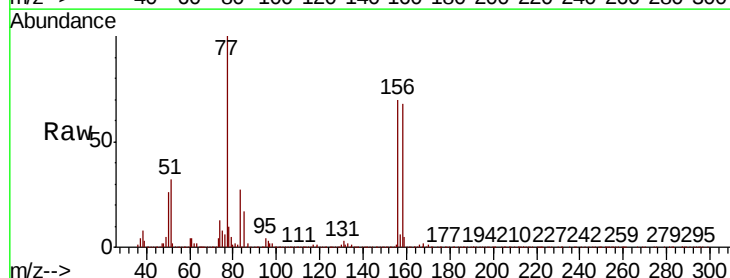
Manual Integrations
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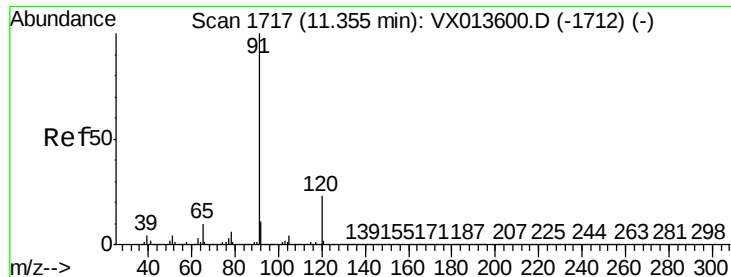
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 12/4/2019 1:52:29 PM



#77
 Bromobenzene
 Concen: 48.399 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
156	100		
77	149.3	74.4	223.1
158	96.8	48.9	146.6





#78

n-propylbenzene

Concen: 50.363 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013733.D

Acq: 03 Dec 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

S39-0191MSD

Tot Ion: 91 Resp: 1763649

Ion Ratio Lower Upper

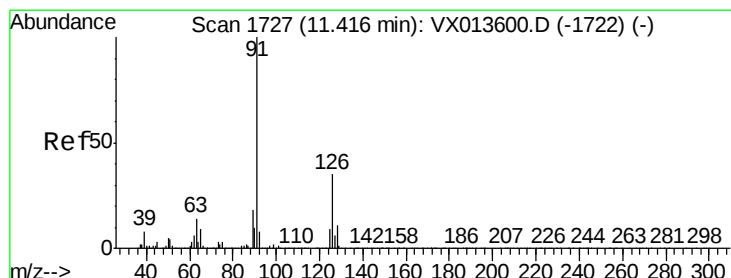
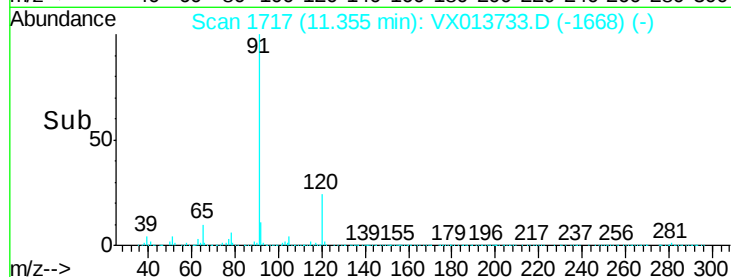
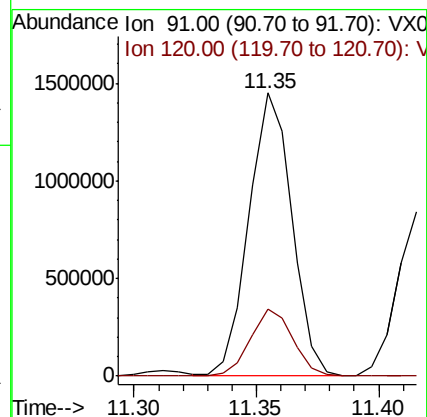
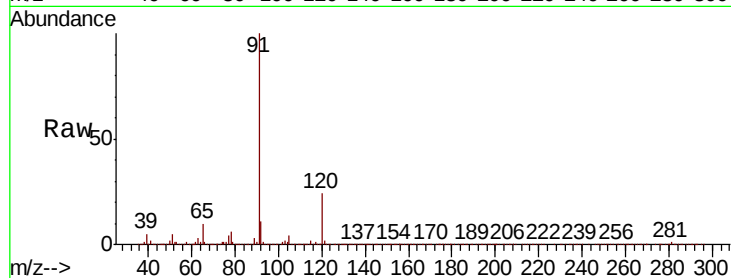
91 100

120 23.5 11.8 35.3

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#79

2-Chlorotoluene

Concen: 49.423 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013733.D

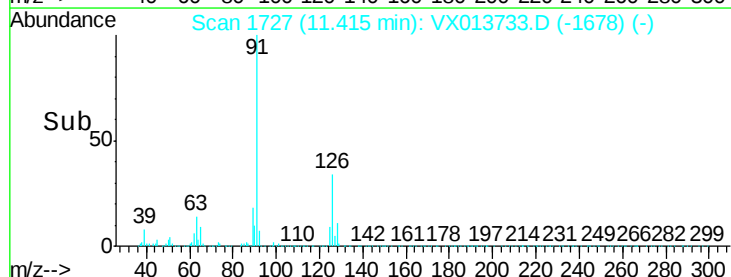
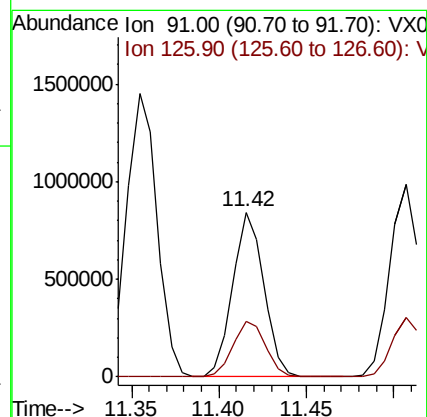
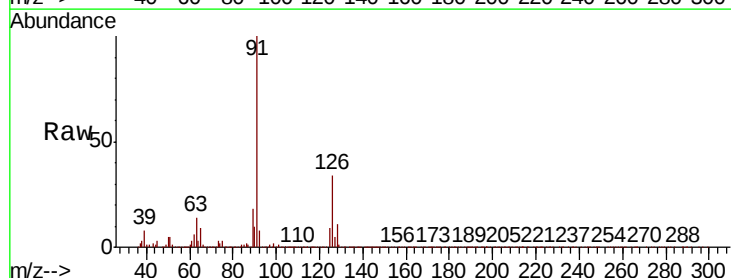
Acq: 03 Dec 2019 18:31

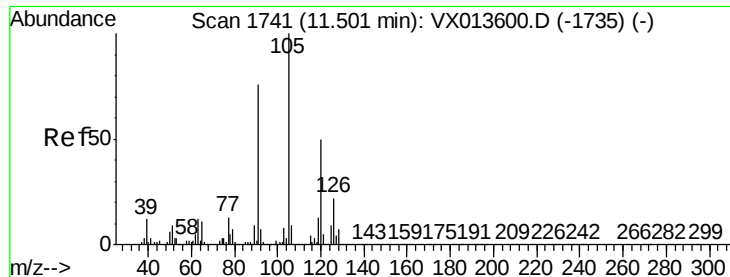
Tgt Ion: 91 Resp: 1038200

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5





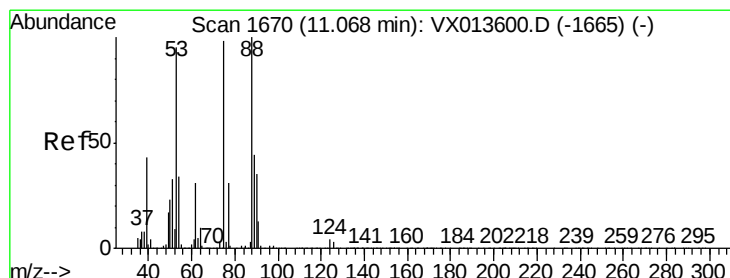
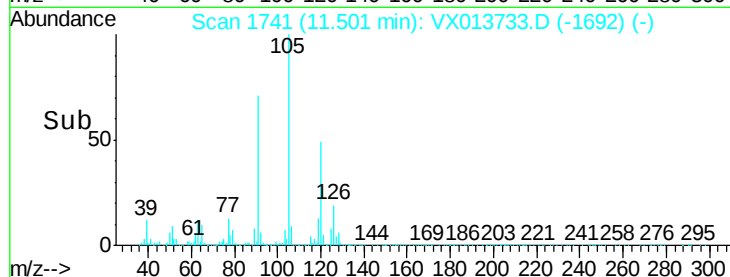
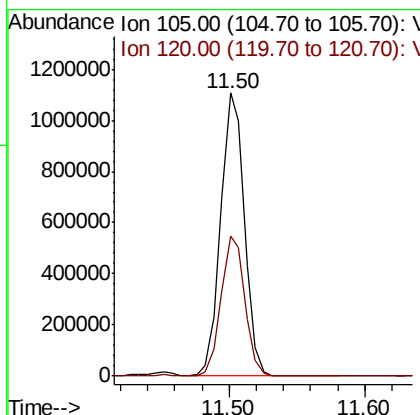
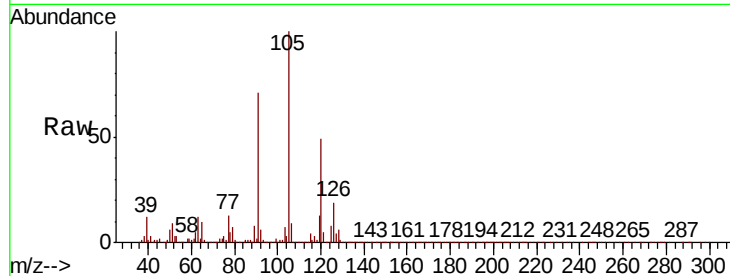
#80
 1,3,5-Trimethylbenzene
 Concen: 51.902 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion: 105 Resp: 1334413
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.9

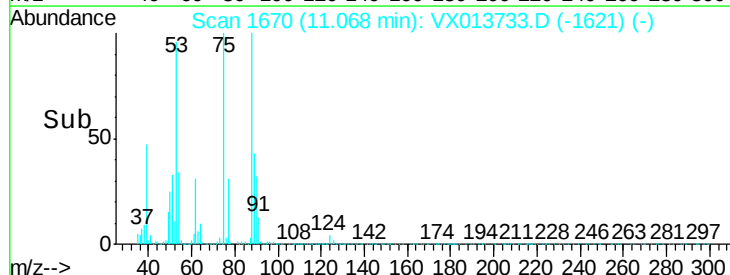
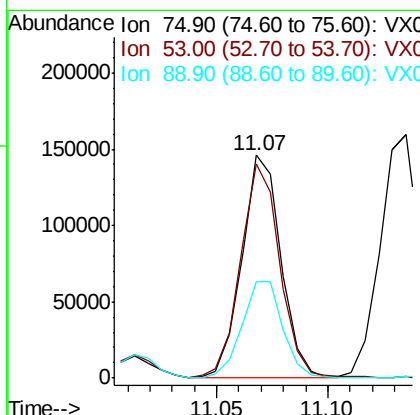
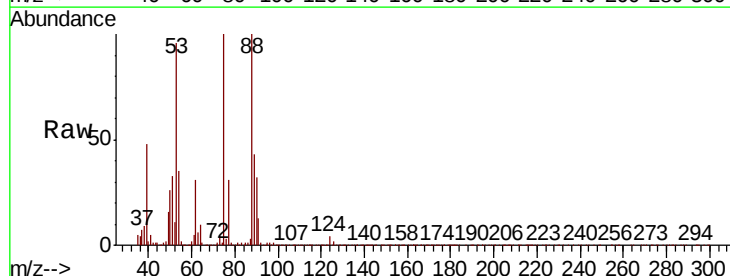
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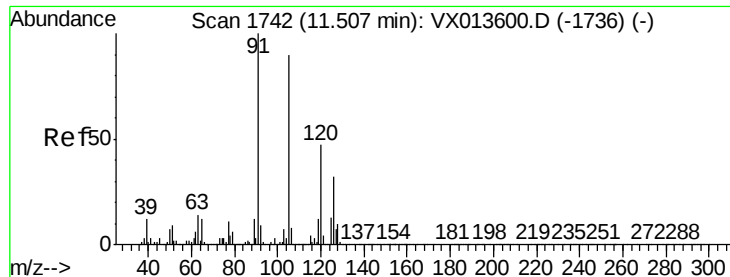
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.310 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion: 75 Resp: 177617
 Ion Ratio Lower Upper
 75 100
 53 96.6 78.2 117.2
 89 45.2 35.4 53.2





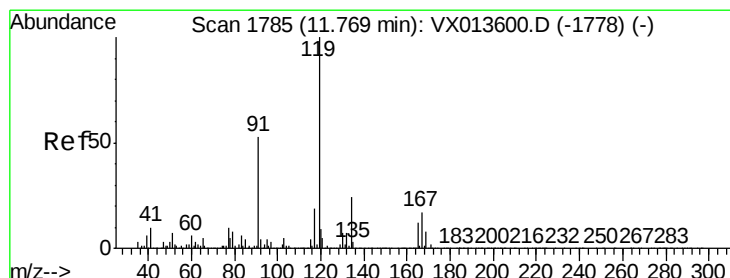
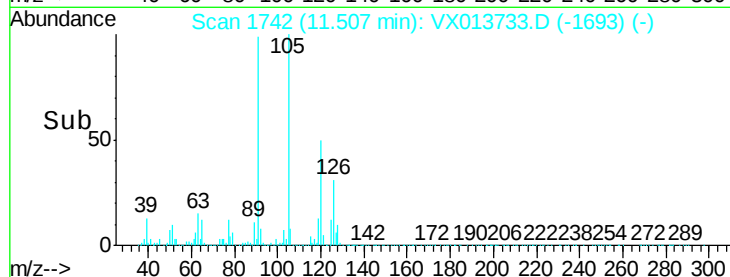
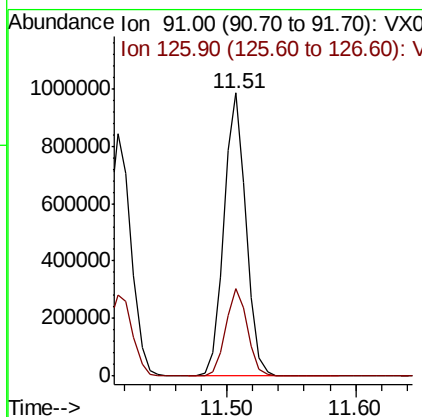
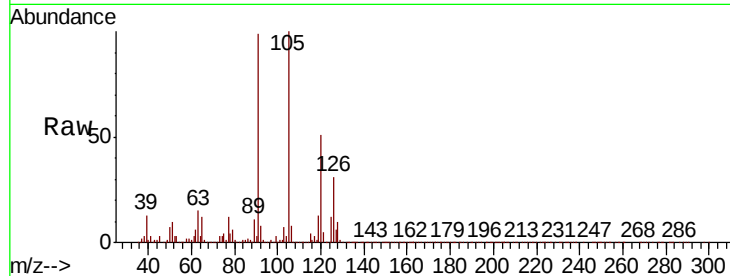
#82
4-Chlorotoluene
Concen: 48.697 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion: 91 Resp: 1184808
Ion Ratio Lower Upper
91 100
126 30.6 15.7 47.0

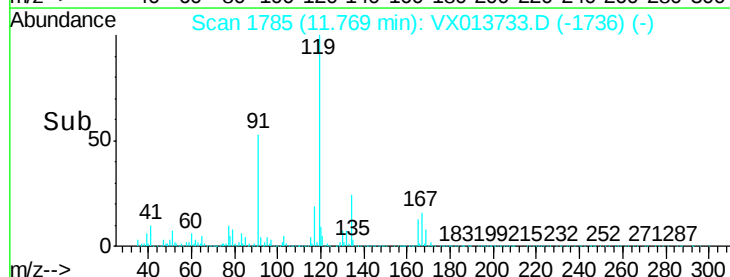
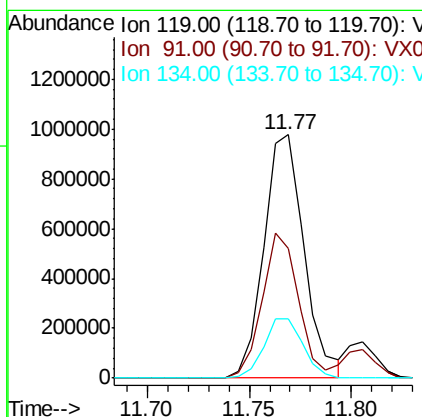
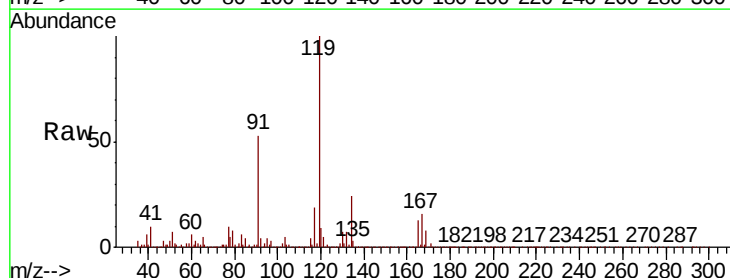
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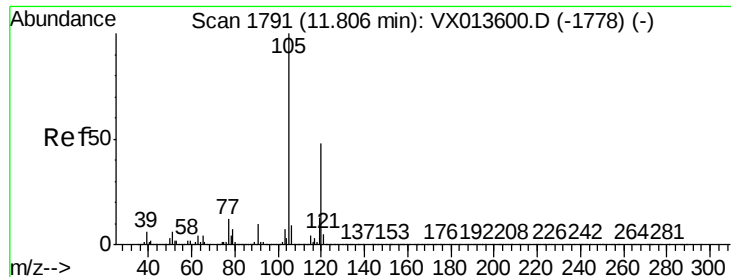
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#83
tert-Butylbenzene
Concen: 51.397 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion: 119 Resp: 1342959
Ion Ratio Lower Upper
119 100
91 53.7 27.2 81.6
134 23.8 11.7 35.1





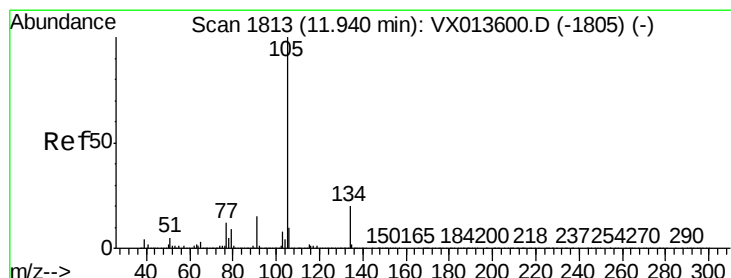
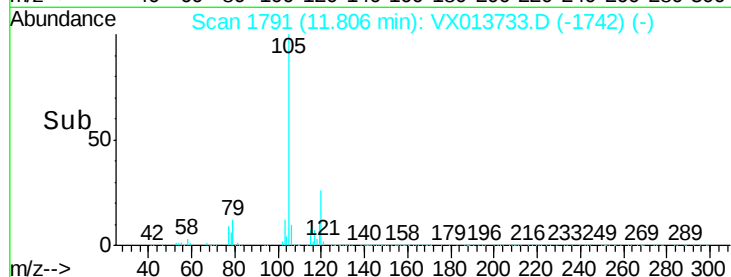
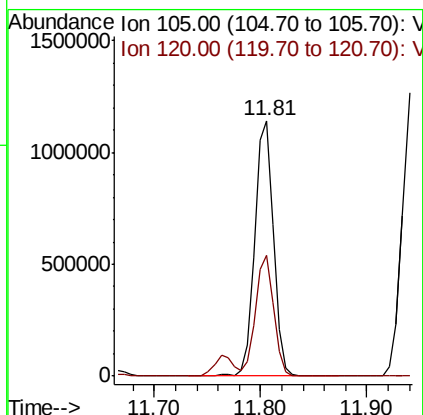
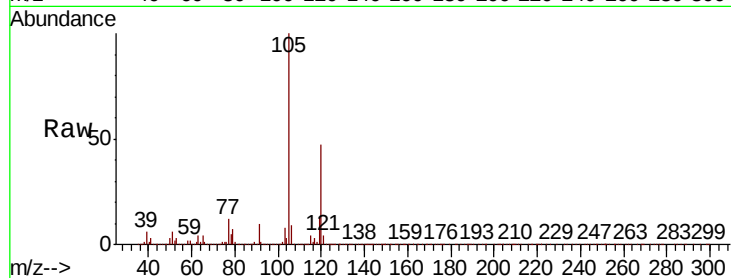
#84
 1,2,4-Trimethylbenzene
 Concen: 53.861 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion:105 Resp: 1405433
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

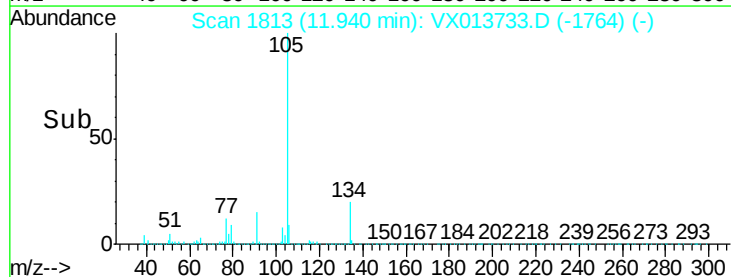
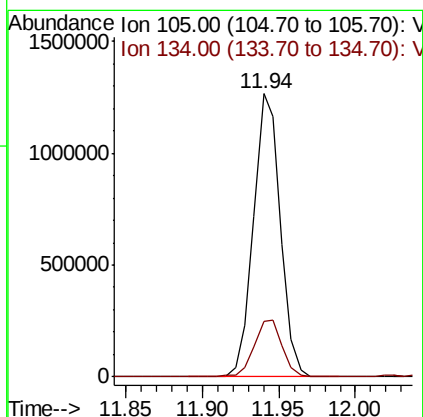
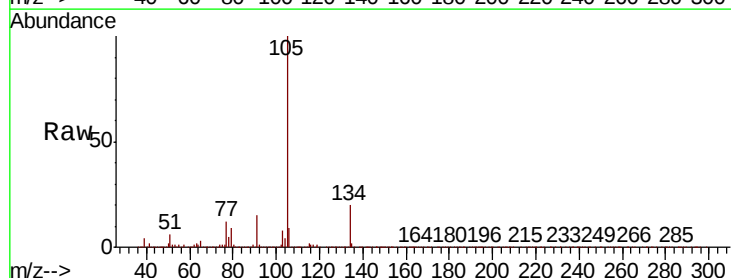
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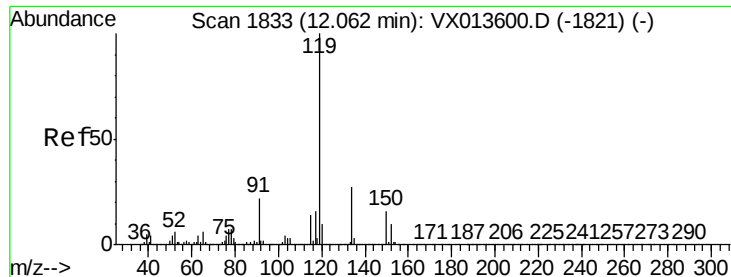
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#85
 sec-Butylbenzene
 Concen: 51.635 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion:105 Resp: 1541069
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.2





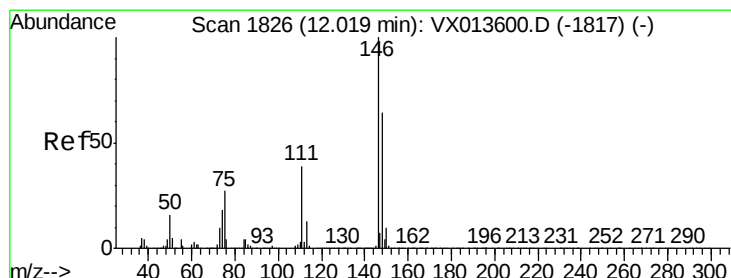
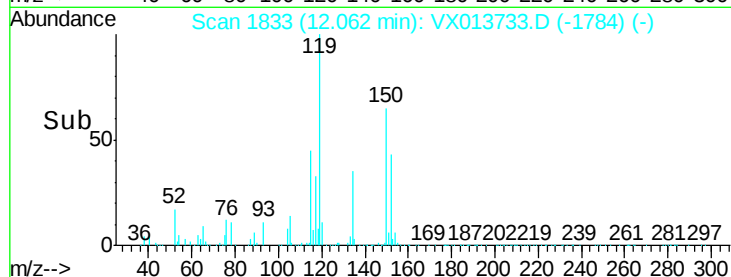
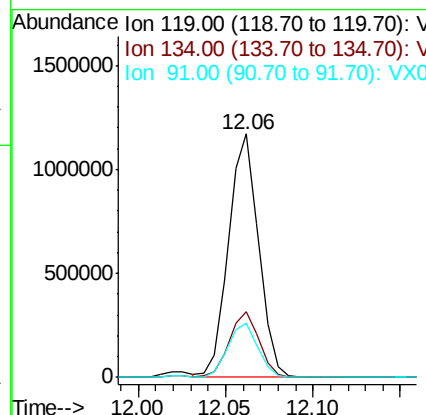
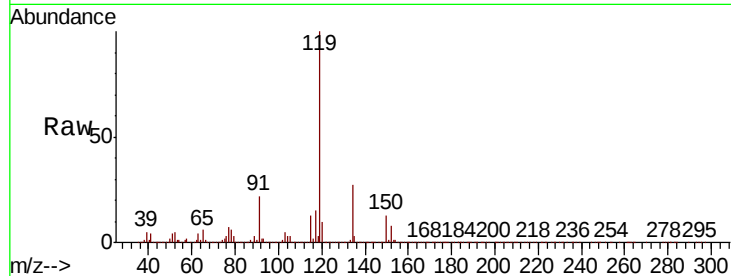
#86
p-Isopropyltoluene
Concen: 50.379 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.3	39.9
91	22.3	11.3	33.8

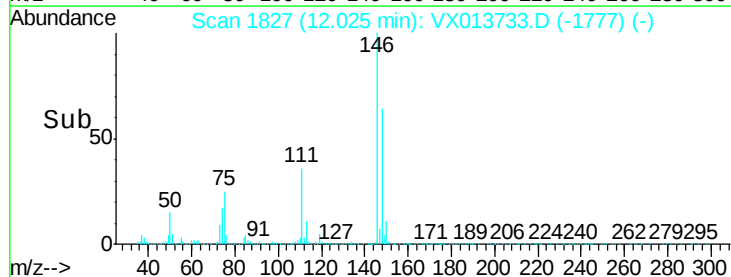
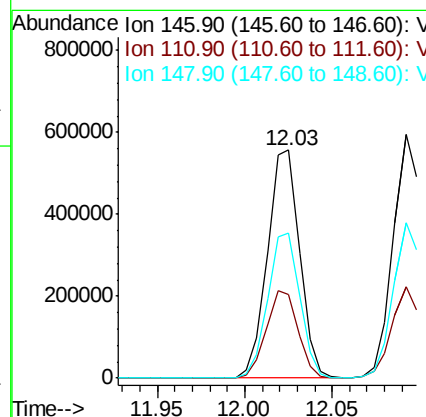
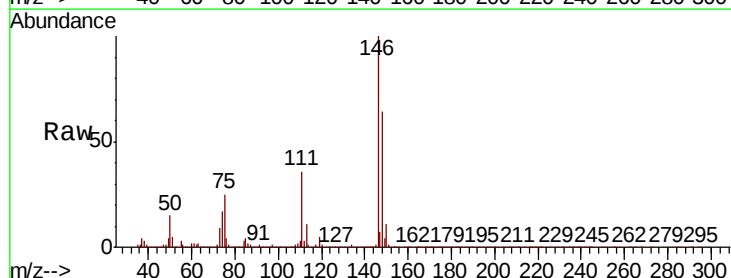
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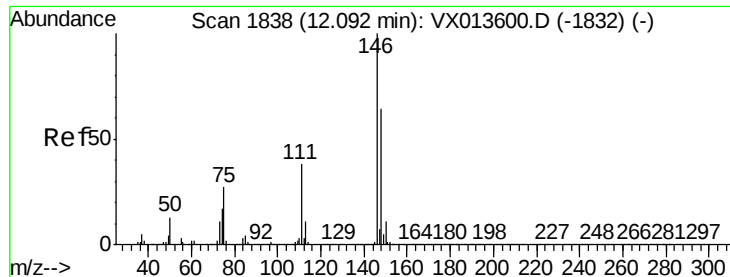
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#87
1,3-Dichlorobenzene
Concen: 48.391 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.4	31.8	95.4





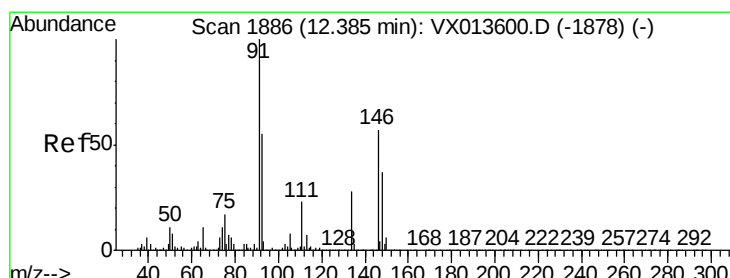
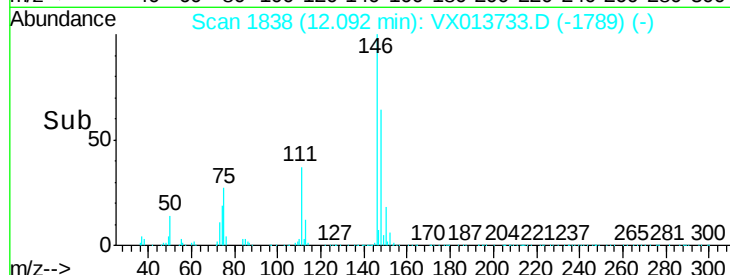
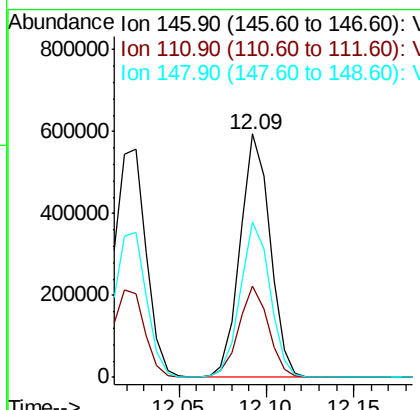
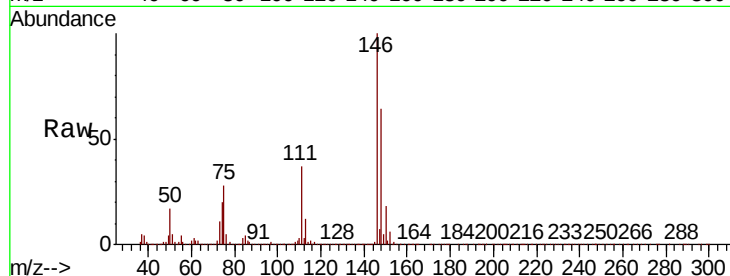
#88
 1,4-Dichlorobenzene
 Concen: 47.126 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	63.7	31.9	95.5

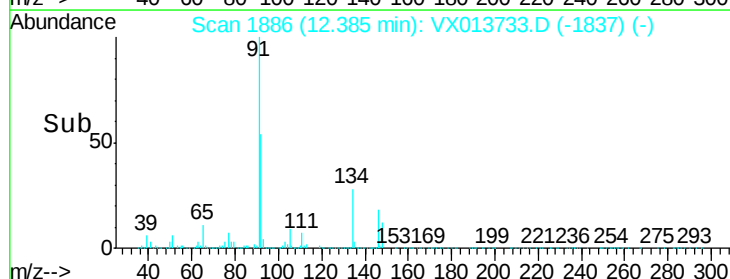
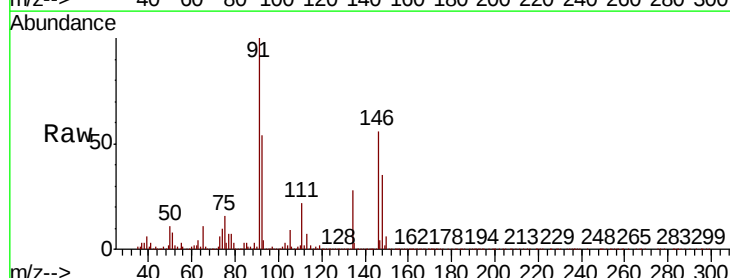
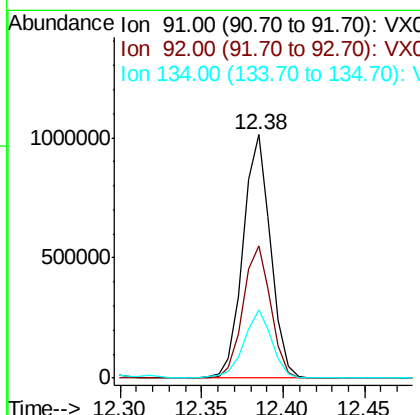
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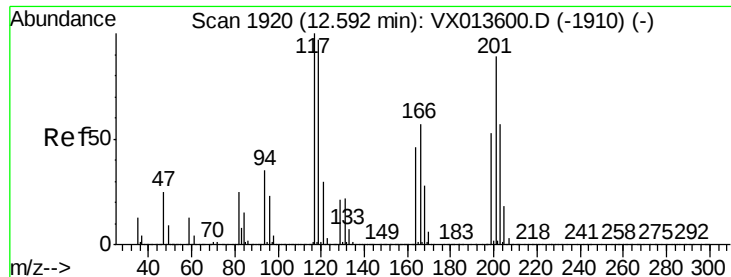
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#89
 n-Butylbenzene
 Concen: 50.291 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	28.5	13.5	40.4





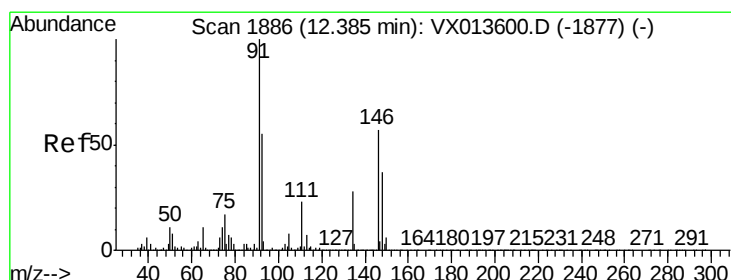
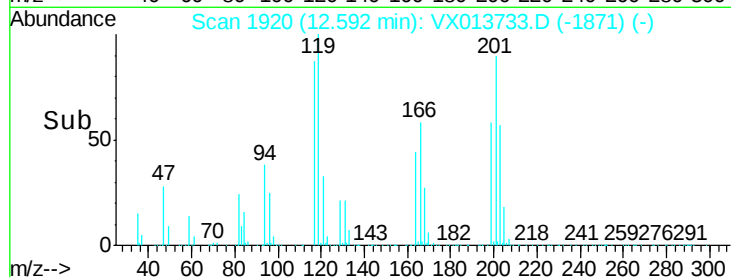
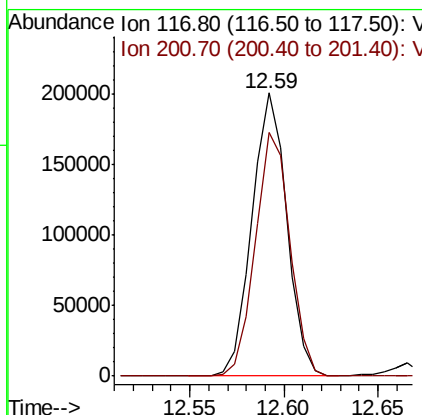
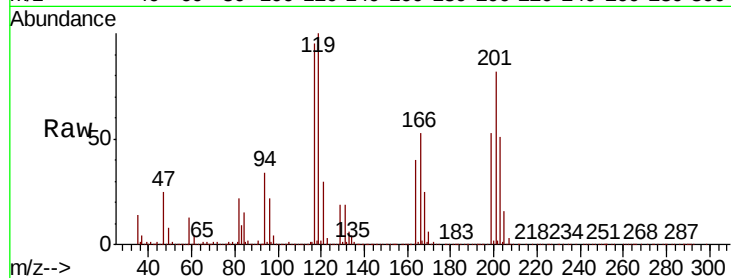
#90
Hexachloroethane
Concen: 51.418 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	85.6	44.1	132.4

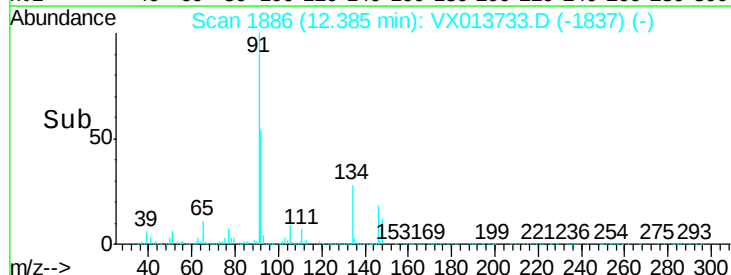
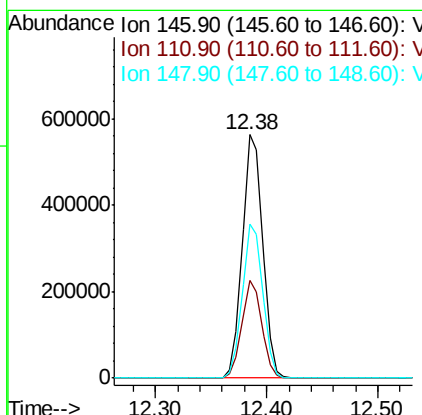
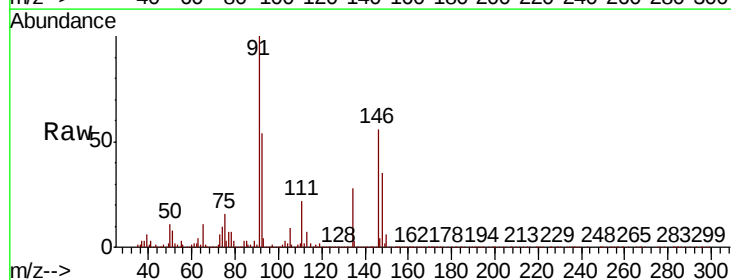
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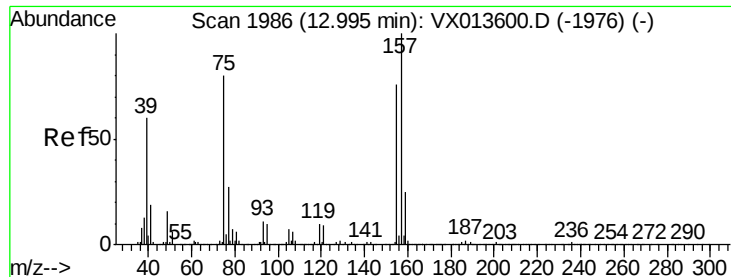
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#91
1,2-Dichlorobenzene
Concen: 49.010 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.6	31.9	95.7





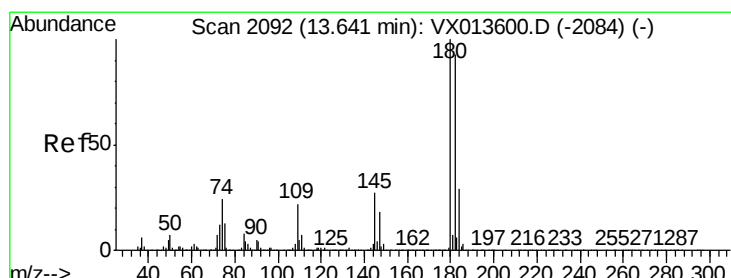
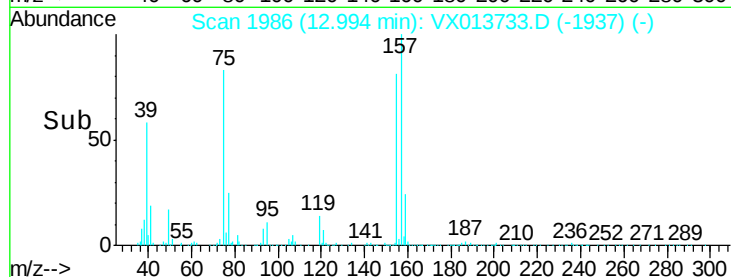
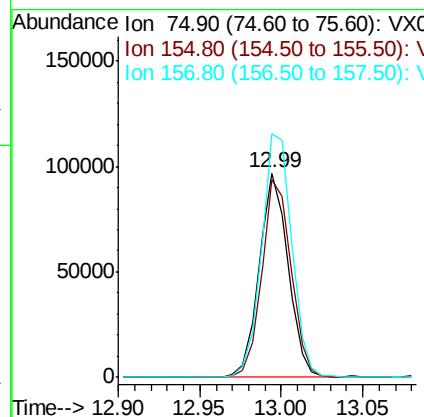
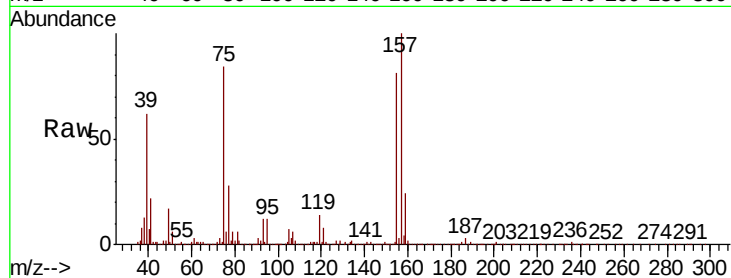
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.213 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	99.0	47.6	142.8
157	125.4	62.1	186.2

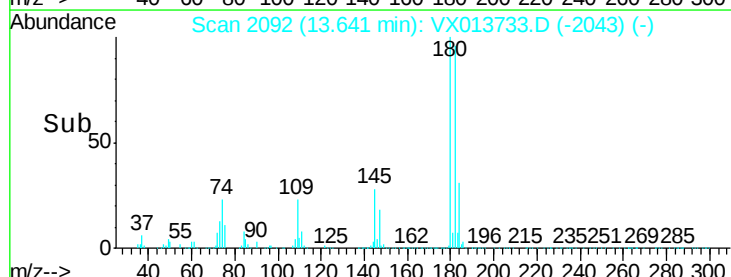
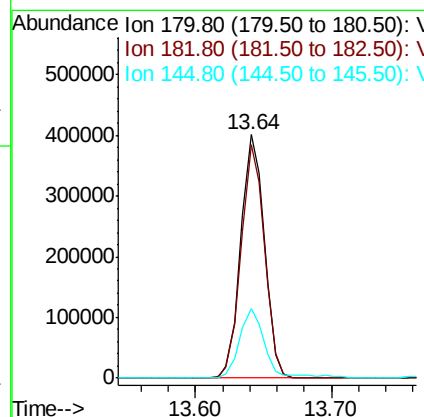
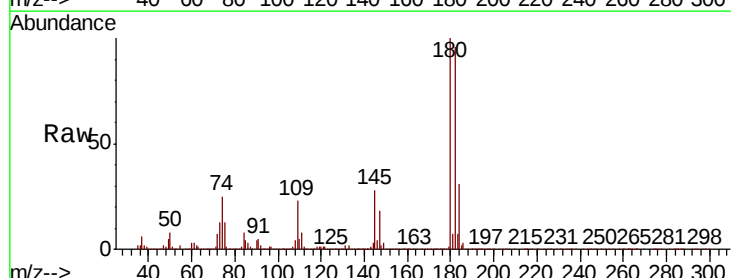
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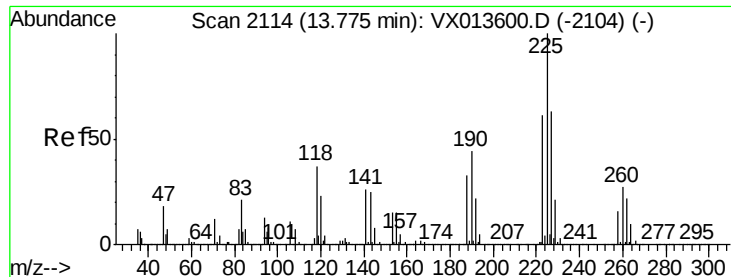
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#93
 1,2,4-Trichlorobenzene
 Concen: 47.644 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.2	141.6
145	31.3	13.8	41.4





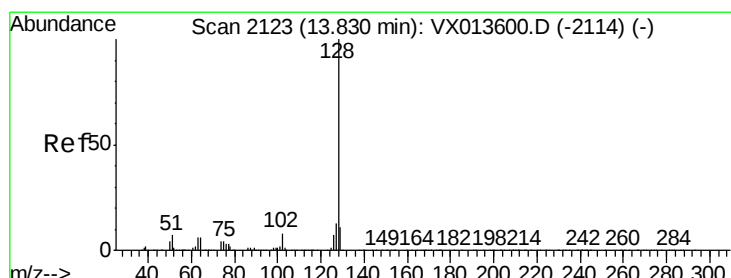
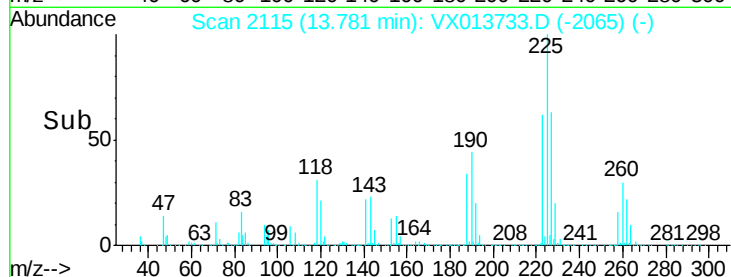
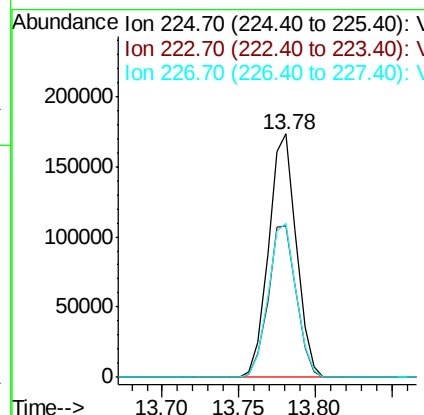
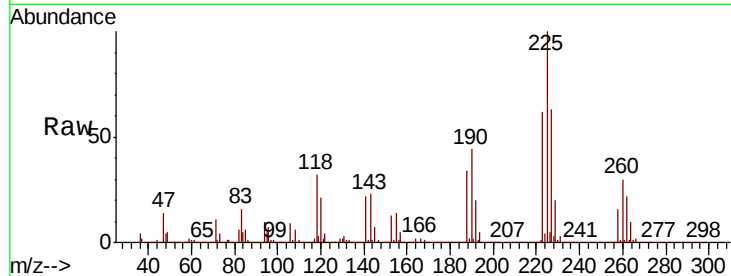
#94
Hexachlorobutadiene
Concen: 45.025 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Instrument :
MSVOA_X
ClientSampleId :
S39-0191MSD

Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	63.3	31.9	95.5
227	63.9	32.1	96.3

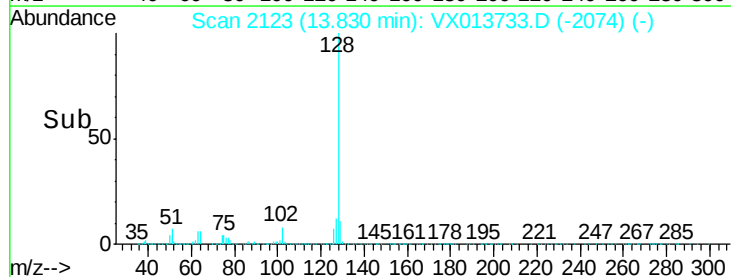
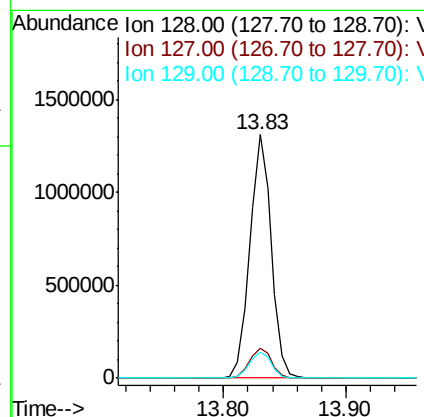
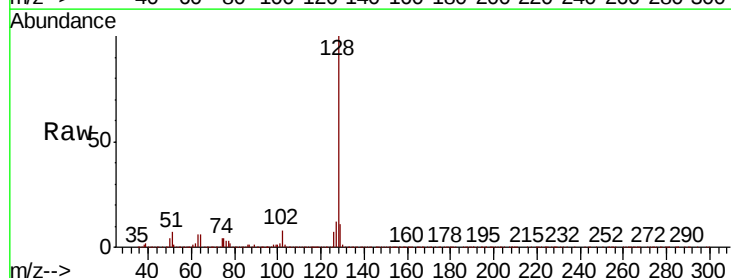
Manual Integrations
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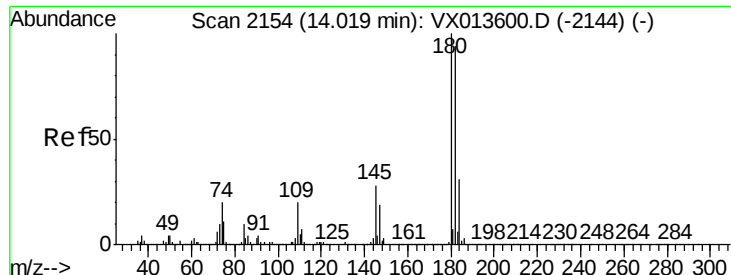
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#95
Naphthalene
Concen: 52.177 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013733.D
Acq: 03 Dec 2019 18:31

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 48.432 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013733.D
 Acq: 03 Dec 2019 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	47.6	142.8
145	31.1	15.0	45.0

Manual Integrations
 APPROVED

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