

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102819\
 Data File : VX013240.D
 Acq On : 28 Oct 2019 11:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 12:07:25 PM

Quant Time: Oct 29 14:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	29643	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	165615	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	151171	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	70756	30.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.07%
60) 4-Bromofluorobenzene	11.13	95	79255	30.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.37%
63) Toluene-d8	8.71	98	200691	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	37723	17.725	ug/l 99
3) Chloromethane	1.32	50	29245	15.762	ug/l 97
4) Vinyl Chloride	1.40	62	30497	15.898	ug/l 97
5) Bromomethane	1.63	94	19199	18.547	ug/l 95
6) Chloroethane	1.72	64	20685	16.897	ug/l 95
7) Trichlorofluoromethane	1.92	101	55260	17.925	ug/l 99
8) Diethyl Ether	2.18	74	18282	17.375	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33128	17.594	ug/l 97
10) 1,1-Dichloroethene	2.36	96	31568	17.359	ug/l 97
11) Methyl Iodide	2.50	142	32633	13.933	ug/l 99
12) Methyl Acetate	2.76	43	36630	15.598	ug/l 91
13) Acrolein	2.28	56	24236	69.332	ug/l 95
14) Acrylonitrile	3.12	53	77657	79.075	ug/l 99
15) Acetone	2.43	58	31790	98.252	ug/l 97
16) Carbon Disulfide	2.56	76	79340	16.338	ug/l # 95
17) Allyl chloride	2.72	41	46871	16.204	ug/l 92
18) Methylene Chloride	2.84	84	33833	16.068	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	33316	17.265	ug/l 85
20) Diisopropyl ether	3.84	45	92746	16.578	ug/l 97
21) 1,1-Dichloroethane	3.69	63	57587	16.953	ug/l 97
22) cis-1,2-Dichloroethene	4.58	96	37166	16.890	ug/l 98
23) tert-Butyl Alcohol	3.03	59	41721	80.635	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	108884	17.362	ug/l 99
25) Chloroform	5.20	83	63328	17.741	ug/l 99
26) Cyclohexane	5.56	56	49052	16.457	ug/l # 95
29) 1,1-Dichloropropene	5.79	75	46194	17.955	ug/l 87
30) 2-Butanone	4.65	43	119063	88.223	ug/l 99
31) 2,2-Dichloropropane	4.57	77	55677	18.718	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	59034	18.962	ug/l 99
33) Carbon Tetrachloride	5.78	117	51014	19.065	ug/l 96
34) Benzene	6.13	78	130446	17.611	ug/l 98
35) Methacrylonitrile	5.02	41	23501	16.980	ug/l 98
36) 1,2-Dichloroethane	6.18	62	51528	18.404	ug/l 99
37) Trichloroethene	7.20	130	37811	18.404	ug/l 94
38) Methylcyclohexane	7.45	83	55811	17.787	ug/l 99
39) 1,2-Dichloropropane	7.50	63	31146	17.132	ug/l 99
40) Dibromomethane	7.65	93	23492	18.091	ug/l 98

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Manual Integrations
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Quant Time: Oct 29 14:19:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	48175	18.399	ug/l	98
42) Vinyl Acetate	3.80	43	402136	85.927	ug/l	99
43) Ethyl Acetate	4.82	43	40975	16.646	ug/l	98
44) Isopropyl Acetate	6.43	43	71691	17.329	ug/l	100
45) 1,4-Dioxane	7.73	88	17586	336.136	ug/l	98
46) Methyl methacrylate	7.76	41	34636	17.014	ug/l	97
47) n-amyl Acetate	10.89	43	57705	16.548	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	52848	18.400	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	56921	18.214	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	33970	17.714	ug/l	97
51) Ethyl methacrylate	9.17	69	52863	17.580	ug/l	96
52) 1,3-Dichloropropane	9.36	76	57617	17.841	ug/l	99
53) Dibromochloromethane	9.57	129	38769	18.742	ug/l	96
54) 1,2-Dibromoethane	9.67	107	37148	18.117	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	105107	86.050	ug/l	99
56) Bromoform	10.85	173	27086	18.456	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	211832	83.160	ug/l	99
59) 2-Hexanone	9.48	43	168040	84.174	ug/l	99
61) Tetrachloroethene	9.33	164	38656	19.289	ug/l	96
62) Toluene	8.78	91	144905	17.757	ug/l	99
64) Chlorobenzene	10.14	112	92986	17.771	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	36377	18.559	ug/l	100
66) Ethyl Benzene	10.24	91	168597	17.950	ug/l	99
67) m/p-Xylenes	10.35	106	126545	35.450	ug/l	97
68) o-Xylene	10.70	106	61272	17.981	ug/l	96
69) Styrene	10.71	104	103687	17.681	ug/l	98
70) Isopropylbenzene	11.01	105	168194	17.987	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	49089	17.132	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	49676m	19.961	ug/l	
73) Bromobenzene	11.25	156	39442	17.577	ug/l	99
74) n-propylbenzene	11.35	91	179197	17.460	ug/l	97
75) 2-Chlorotoluene	11.42	91	109323	17.023	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	137776	17.552	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	16002	16.561	ug/l	95
78) 4-Chlorotoluene	11.51	91	129825	17.692	ug/l	98
79) tert-butylbenzene	11.76	119	134735	17.827	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	147260	18.780	ug/l	97
81) sec-Butylbenzene	11.94	105	158505	17.604	ug/l	98
82) p-Isopropyltoluene	12.06	119	145300	17.649	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	72188	17.615	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	70994	17.517	ug/l	98
85) n-Butylbenzene	12.38	91	120394	17.216	ug/l	97
86) Hexachloroethane	12.59	117	24326	16.929	ug/l	93
87) 1,2-Dichlorobenzene	12.38	146	68264	17.172	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	12004	17.002	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	44410	17.962	ug/l	96
90) Hexachlorobutadiene	13.77	225	23183	18.468	ug/l	97
91) Naphthalene	13.83	128	135277	16.821	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	44343	17.506	ug/l	99

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Instrument :
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ClientSampleId :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

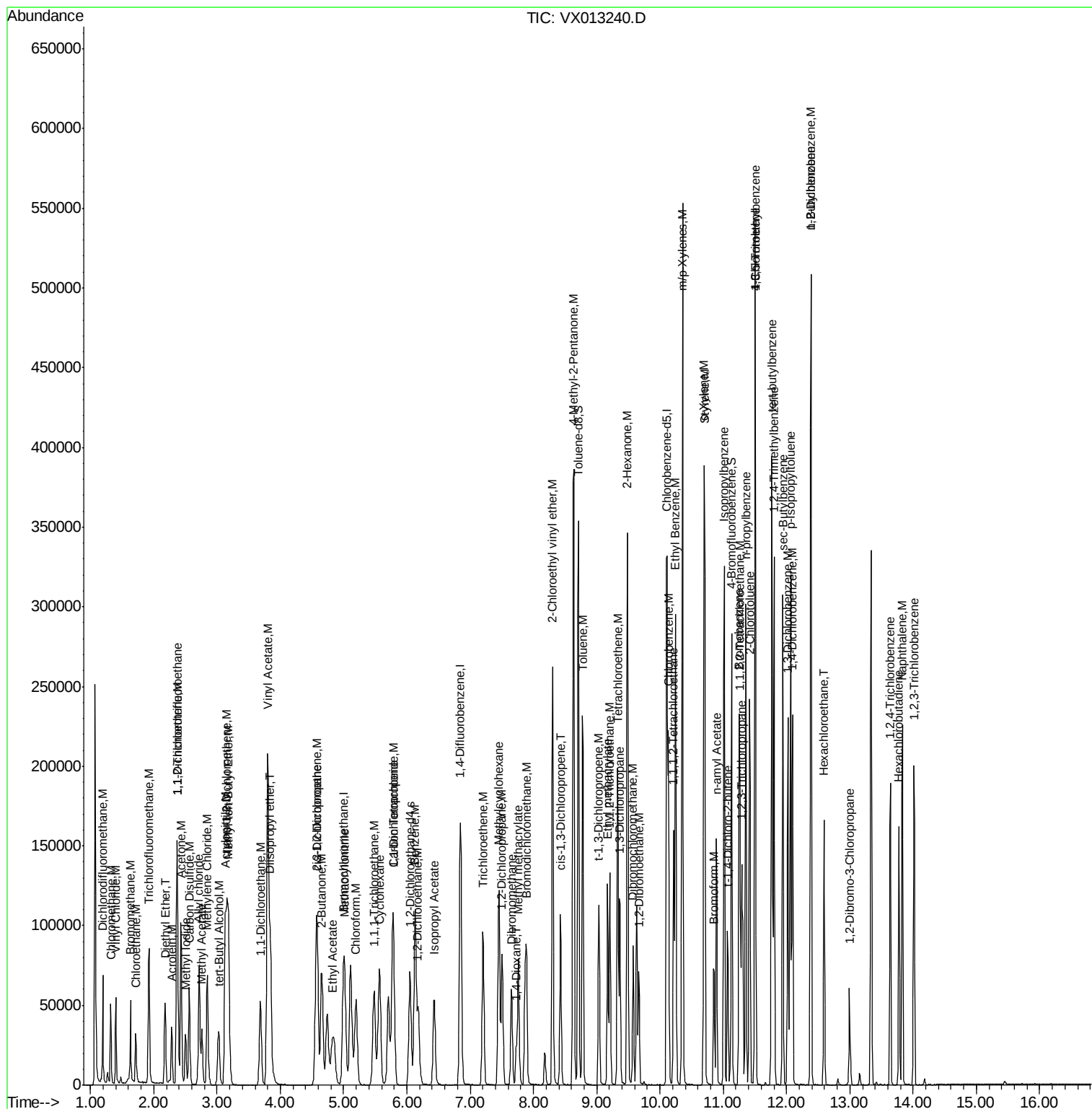
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 Data File : VX013240.D
 Acq On : 28 Oct 2019 11:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

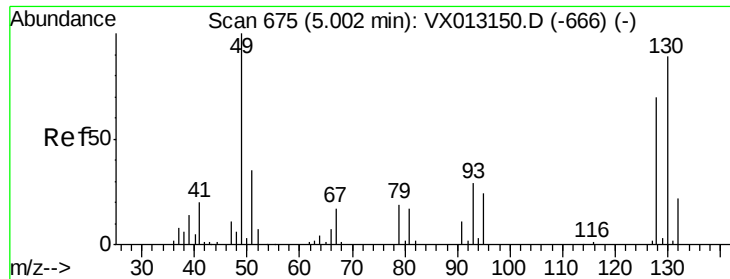
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

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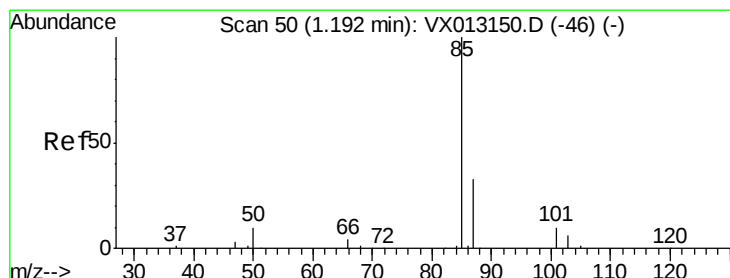
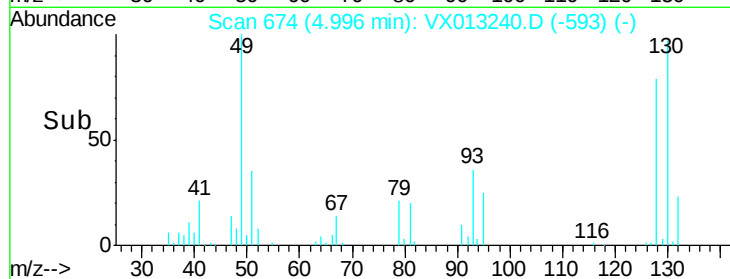
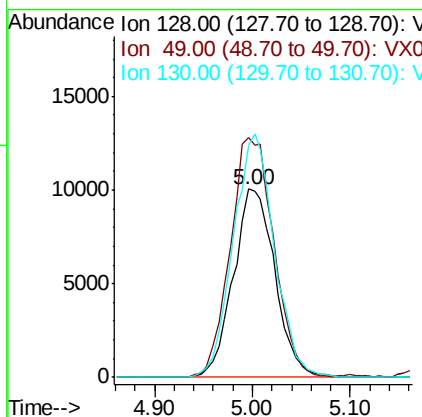
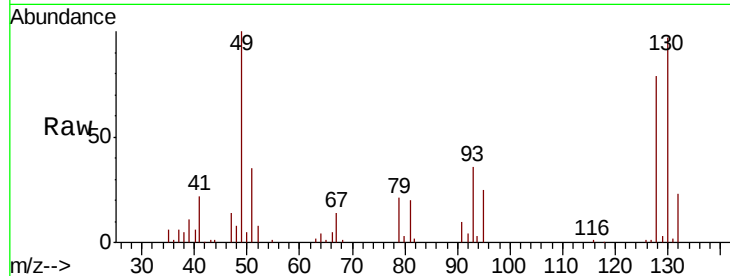
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	80.0	0.0	367.3
130	127.8	0.0	325.0

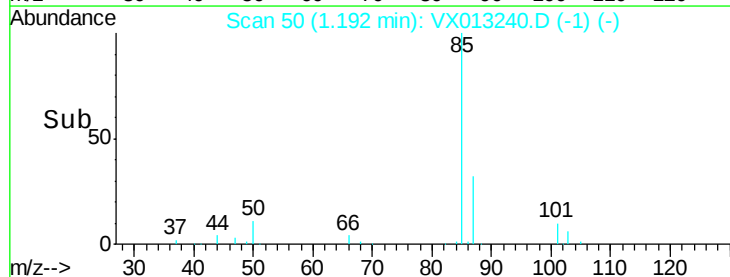
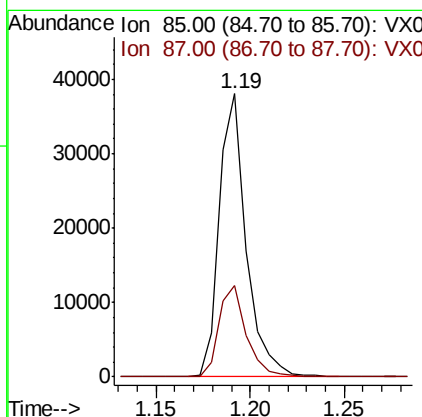
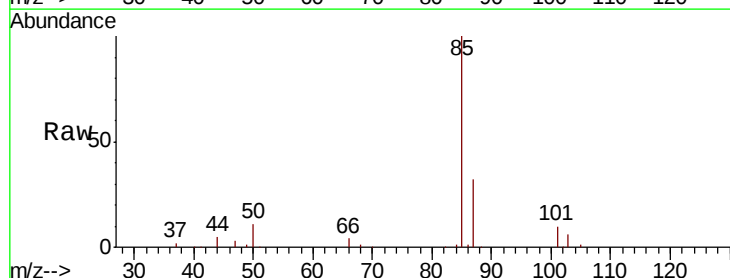
Manual Integrations
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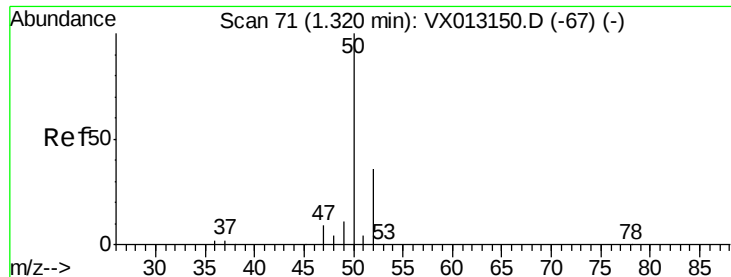
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#2
Dichlorodifluoromethane
Concen: 17.725 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.6	49.7





#3

Chloromethane

Concen: 15.762 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 29245

Ion Ratio Lower Upper

50 100

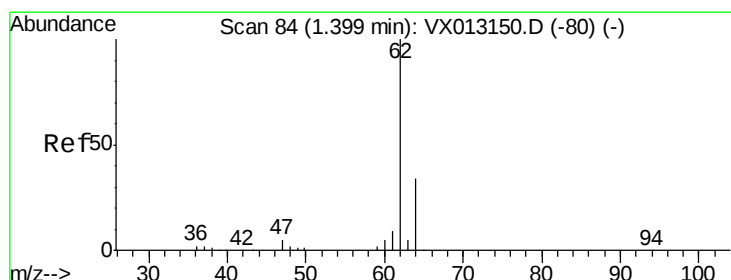
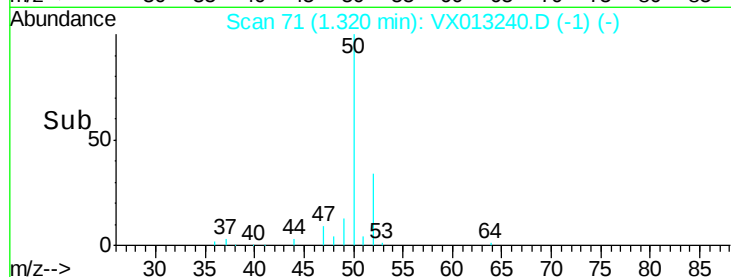
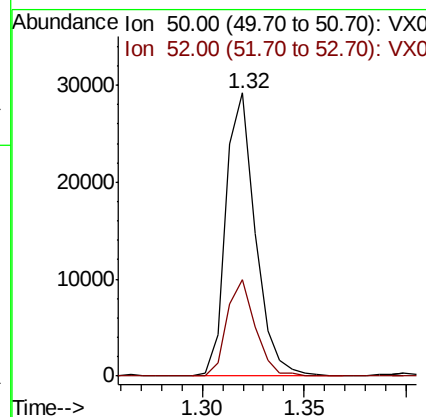
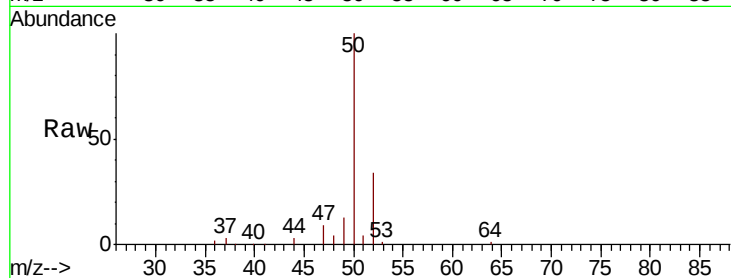
52 34.2 28.6 42.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.898 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013240.D

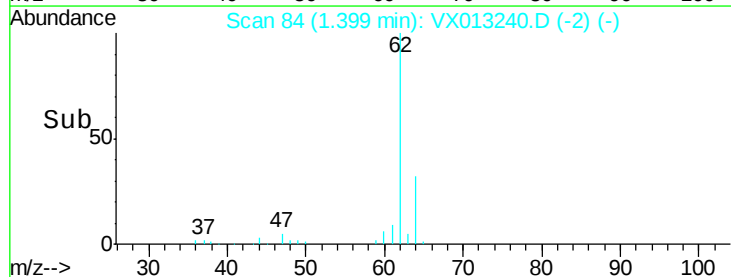
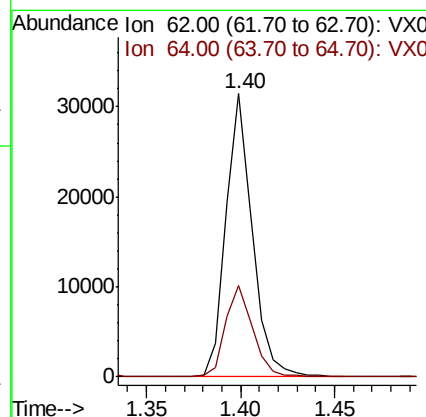
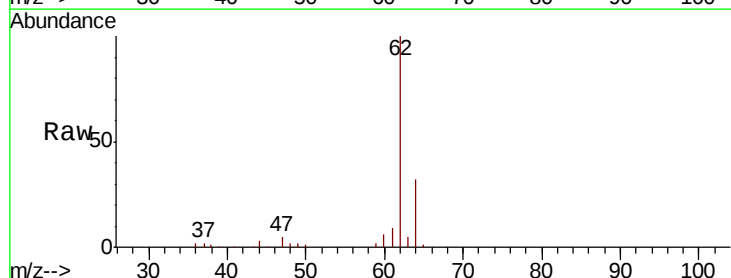
Acq: 28 Oct 2019 11:45

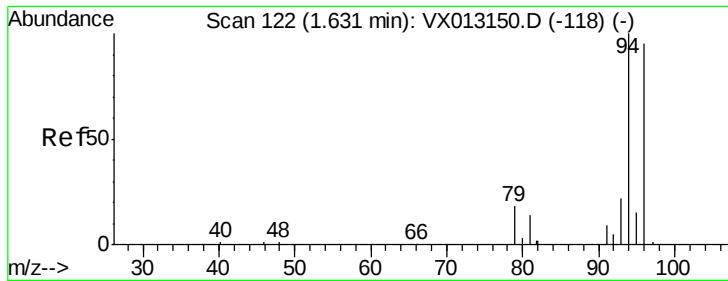
Tgt Ion: 62 Resp: 30497

Ion Ratio Lower Upper

62 100

64 32.4 27.3 40.9





#5

Bromomethane

Concen: 18.547 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 19199

Ion Ratio Lower Upper

94 100

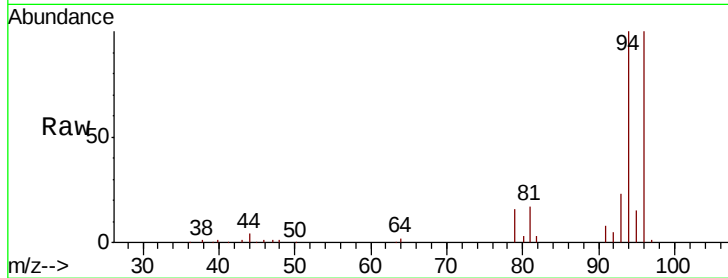
96 100.0 75.9 113.9

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

20000

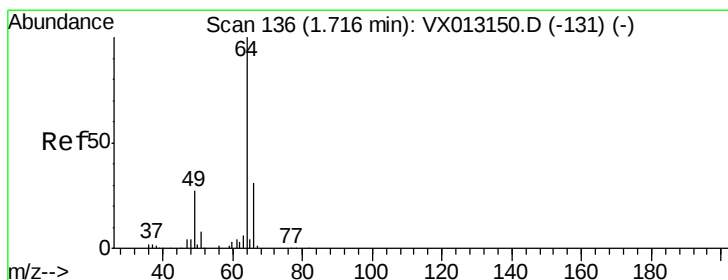
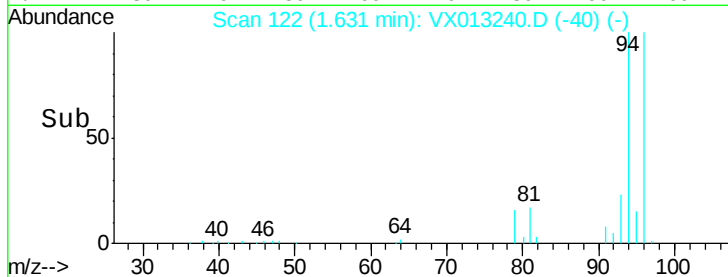
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 16.897 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013240.D

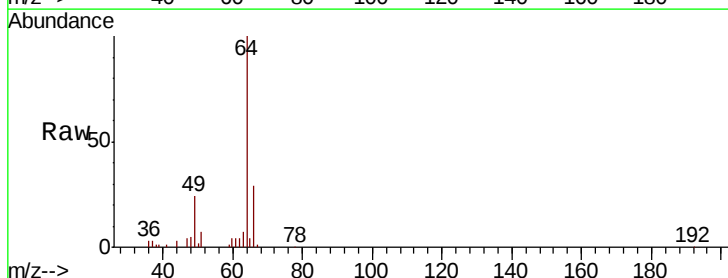
Acq: 28 Oct 2019 11:45

Tgt Ion: 64 Resp: 20685

Ion Ratio Lower Upper

64 100

66 29.0 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

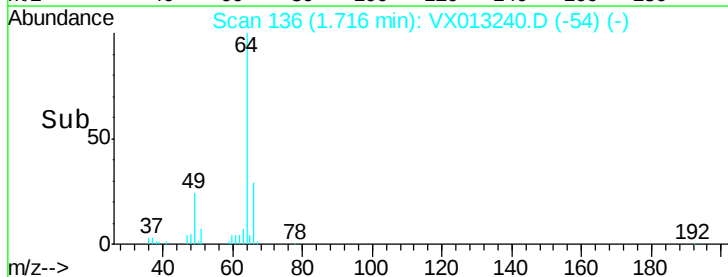
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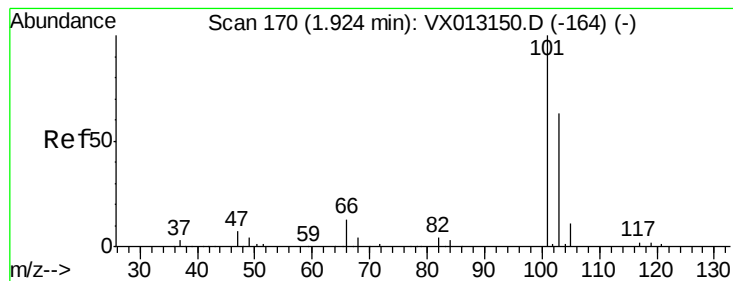
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5000

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Time-->





#7

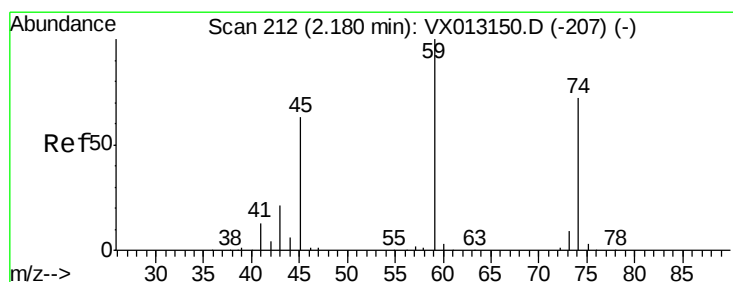
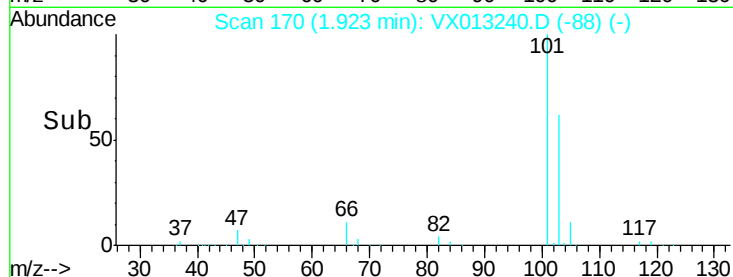
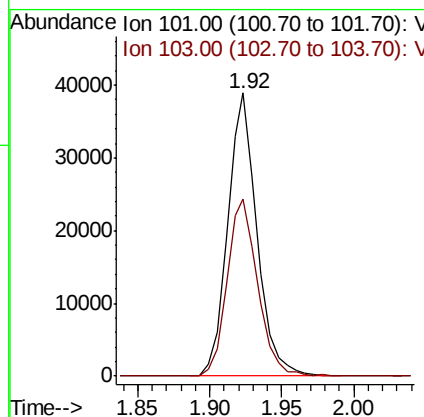
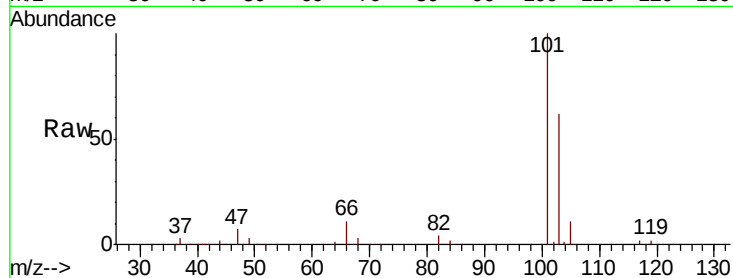
Trichlorofluoromethane
Concen: 17.925 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:101 Resp: 55260
Ion Ratio Lower Upper
101 100
103 62.4 50.2 75.4

Manual Integrations
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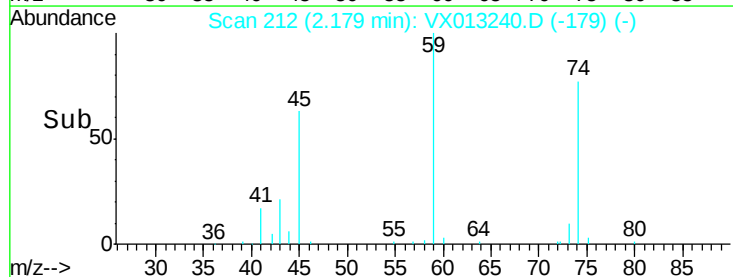
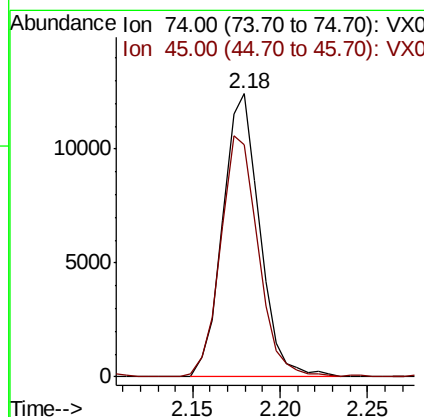
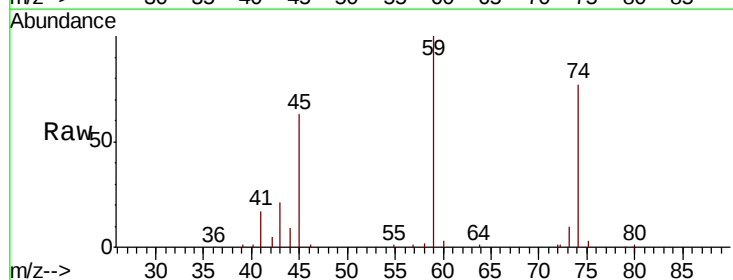
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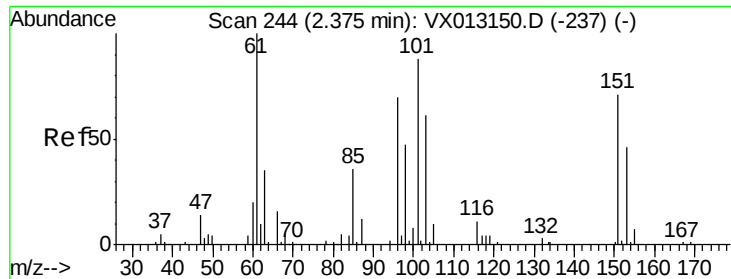


#8

Diethyl Ether
Concen: 17.375 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 74 Resp: 18282
Ion Ratio Lower Upper
74 100
45 86.7 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.594 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

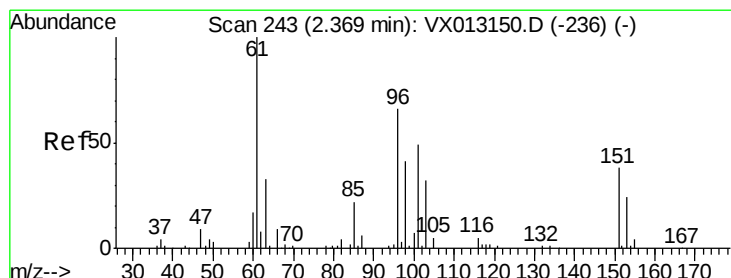
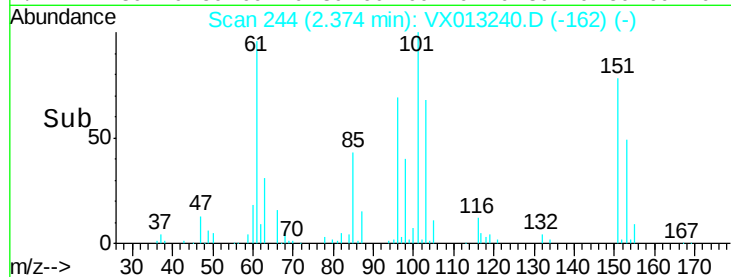
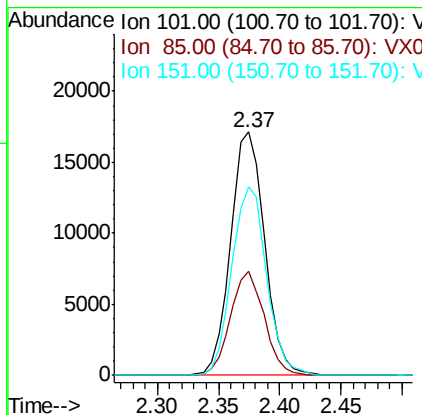
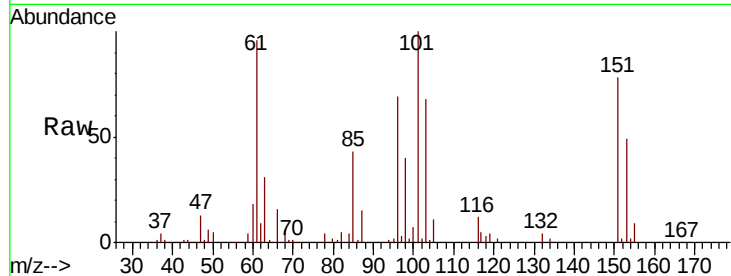
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	33128
Ion Ratio	Lower	Upper	
101	100		
85	42.1	0.0	87.2
151	78.7	0.0	163.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.359 ug/l

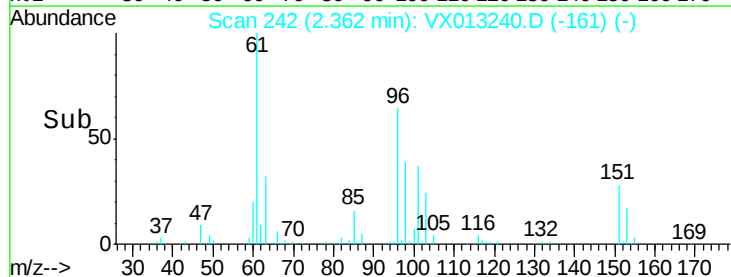
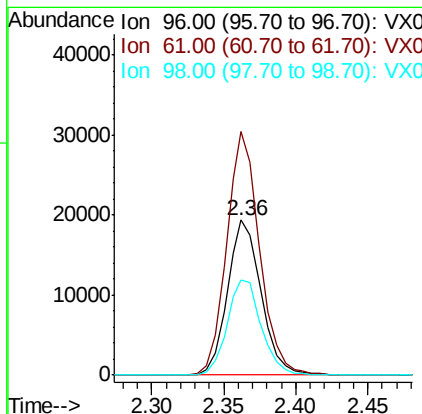
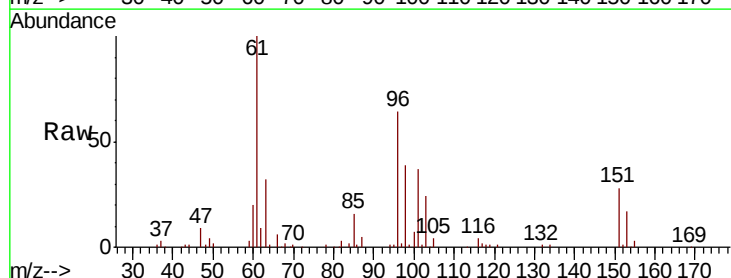
RT: 2.36 min Scan# 242

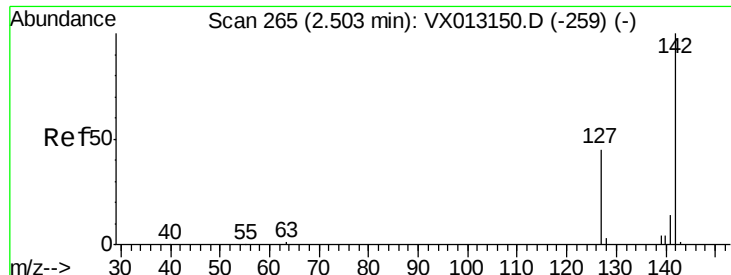
Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	96	Resp:	31568
Ion Ratio	Lower	Upper	
96	100		
61	157.3	121.3	181.9
98	61.7	49.5	74.3





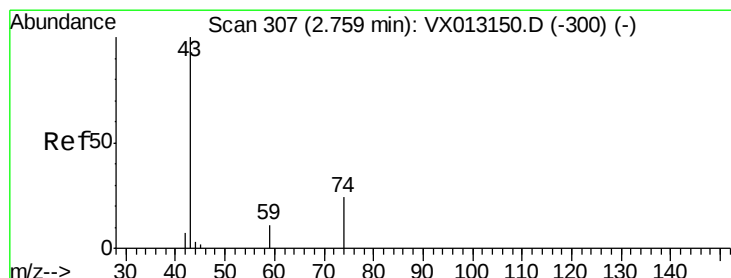
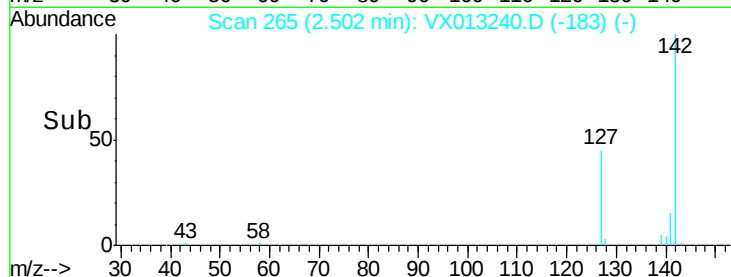
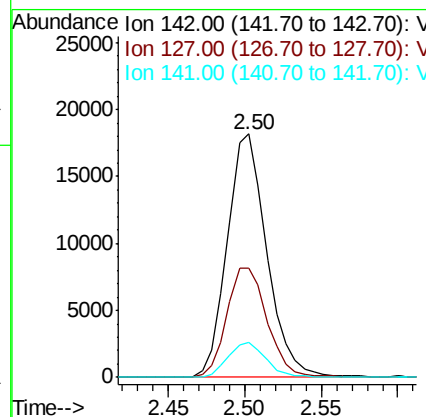
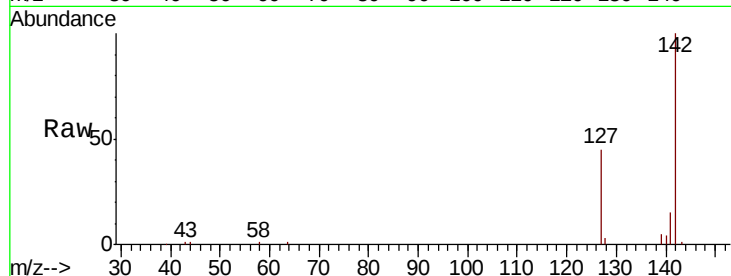
#11
Methyl Iodide
Concen: 13.933 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.2	22.3	66.9
141	14.6	7.1	21.3

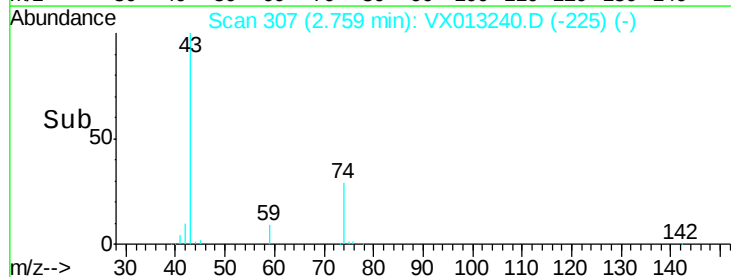
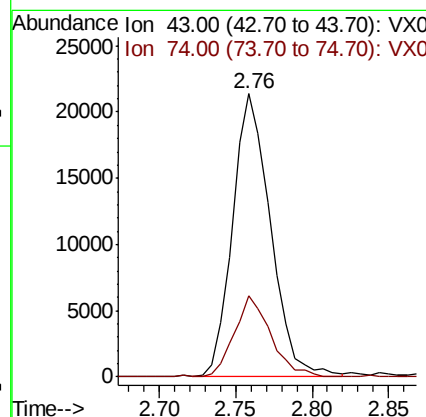
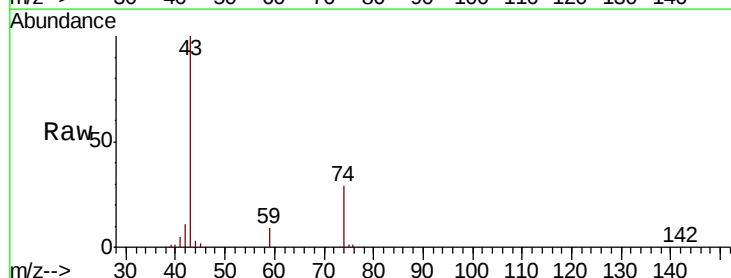
Manual Integrations
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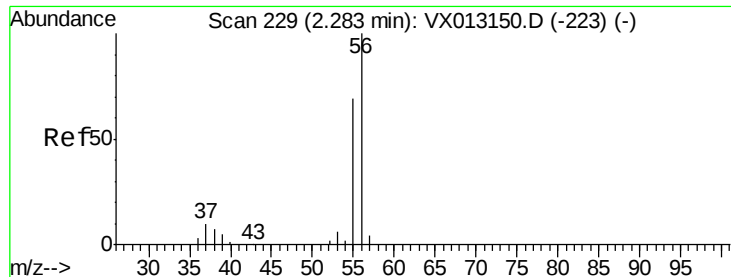
MMDadoda
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#12
Methyl Acetate
Concen: 15.598 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.8	19.7	29.5





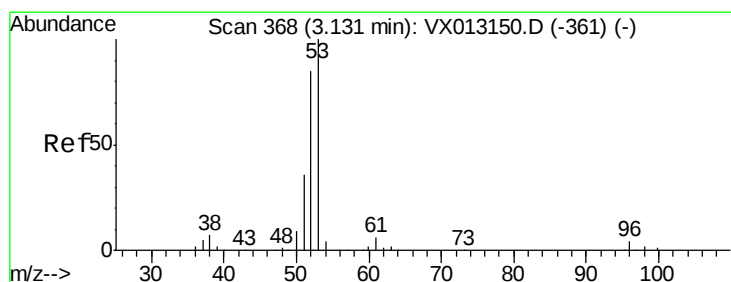
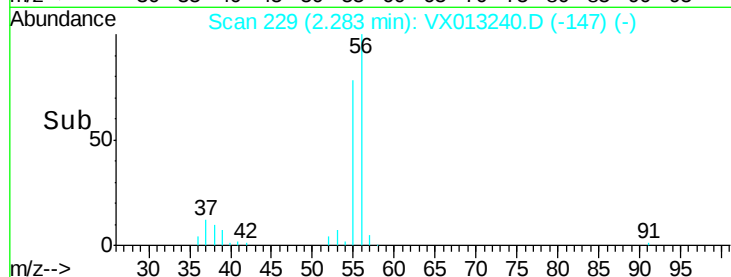
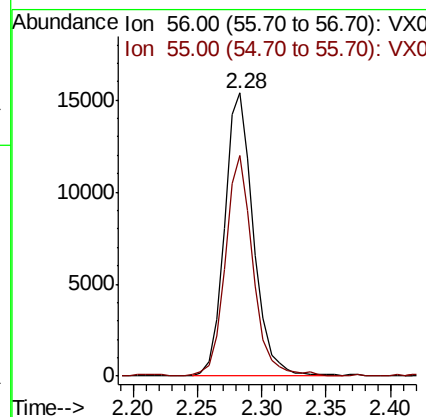
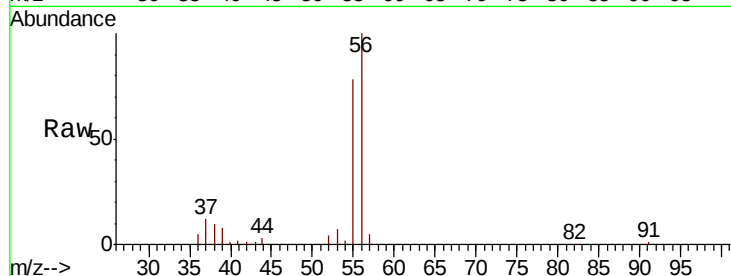
#13
Acrolein
Concen: 69.332 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.3	55.8	83.8

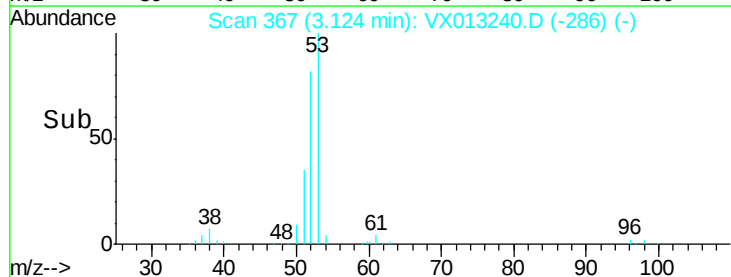
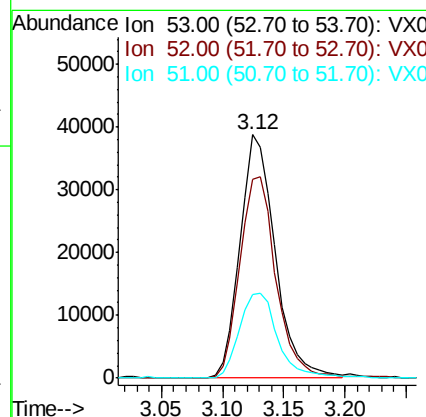
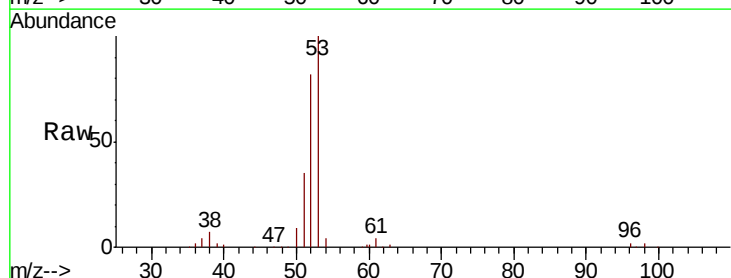
Manual Integrations
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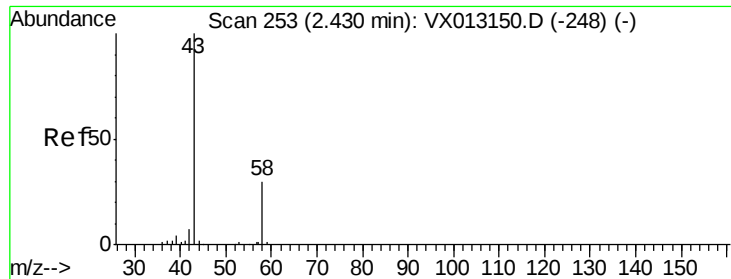
MMDadoda
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#14
Acrylonitrile
Concen: 79.075 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.8	42.0	126.0
51	37.5	18.6	56.0





#15

Acetone

Concen: 98.252 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 31790

Ion Ratio Lower Upper

58 100

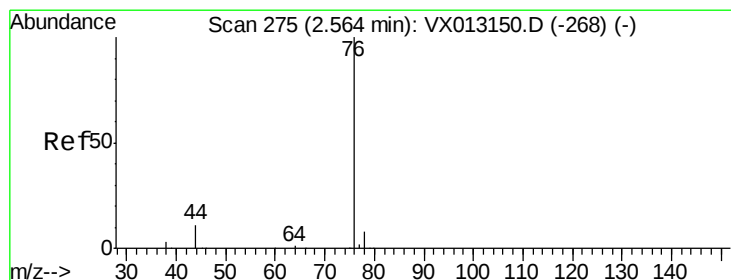
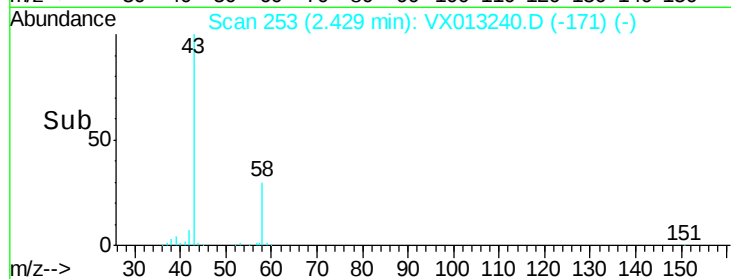
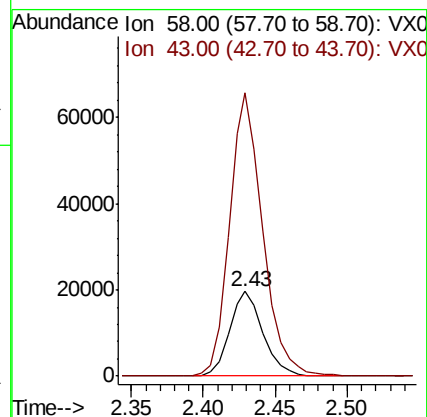
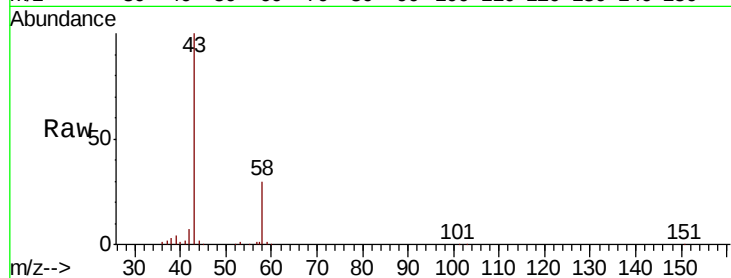
43 334.1 262.8 394.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 16.338 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013240.D

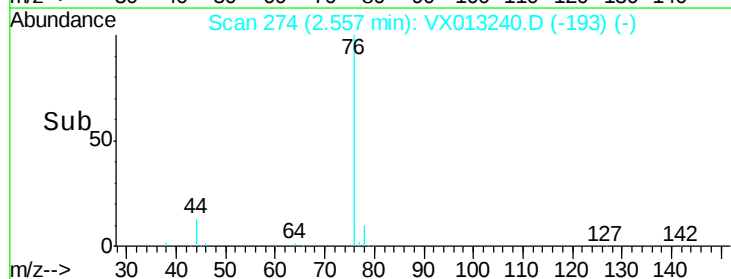
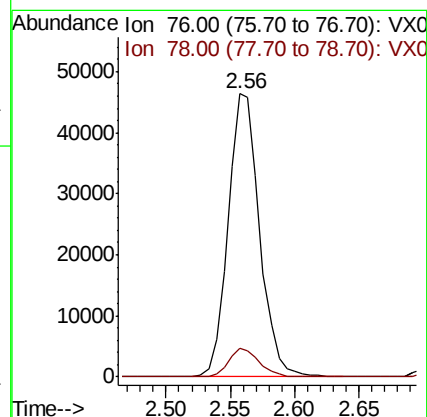
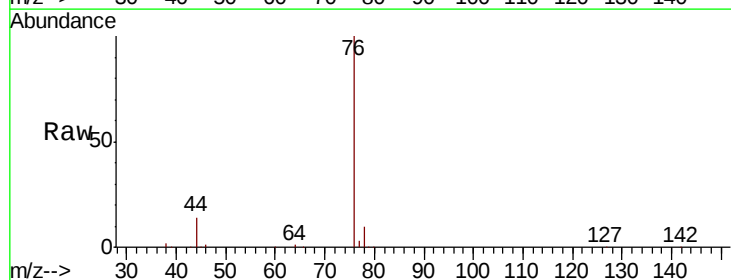
Acq: 28 Oct 2019 11:45

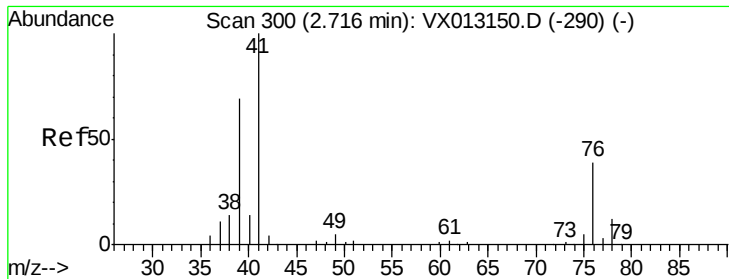
Tgt Ion: 76 Resp: 79340

Ion Ratio Lower Upper

76 100

78 10.0 6.6 10.0#





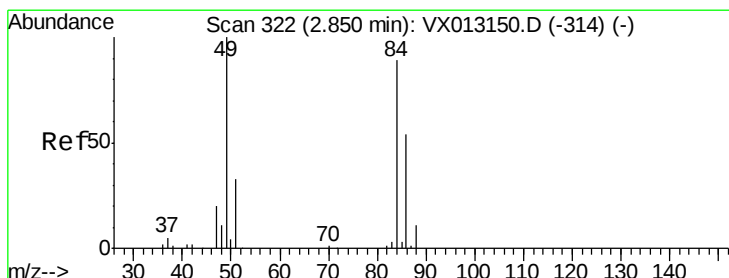
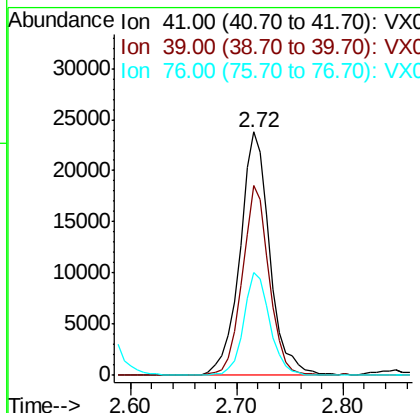
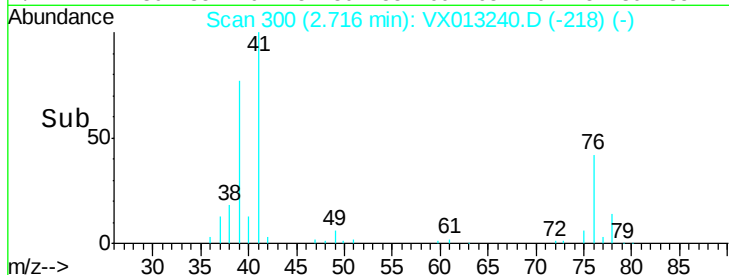
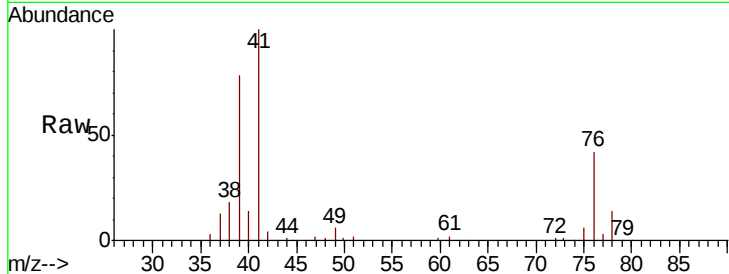
#17
Allvl chloride
Concen: 16.204 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.9	34.7	104.1
76	42.0	19.7	59.0

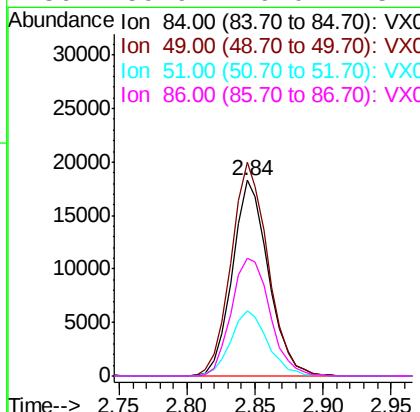
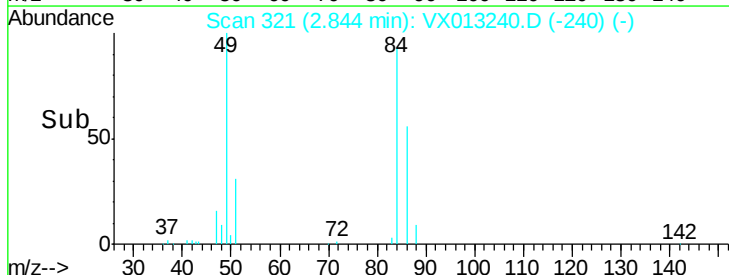
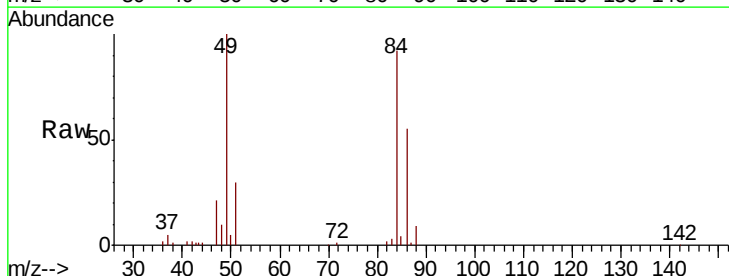
Manual Integrations
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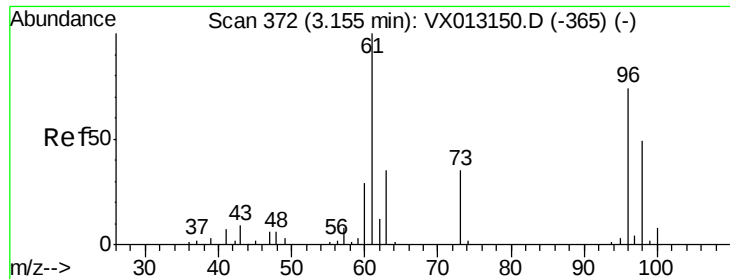
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#18
Methylene Chloride
Concen: 16.068 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.1	90.3	135.5
51	33.1	29.9	44.9
86	59.9	49.0	73.4





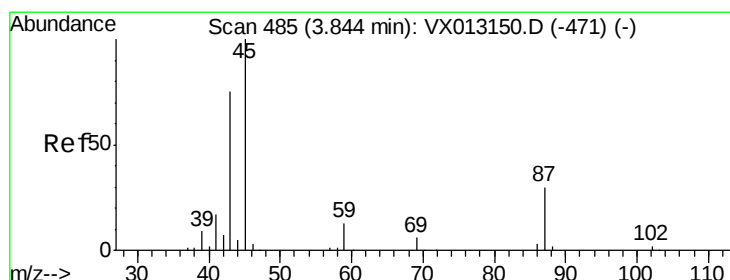
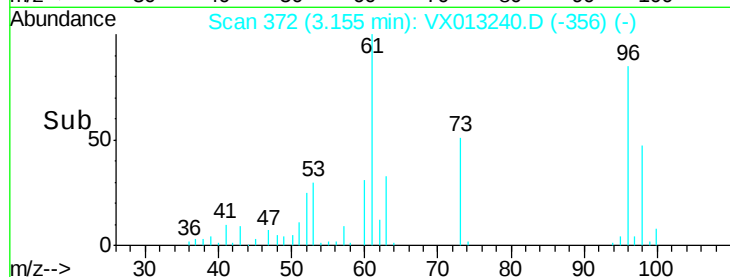
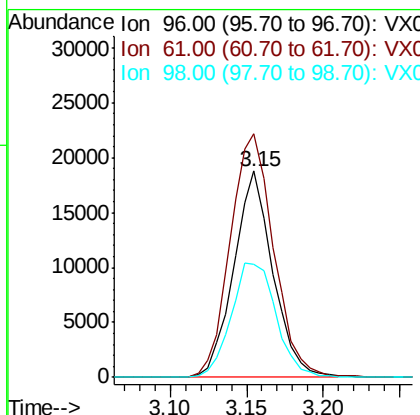
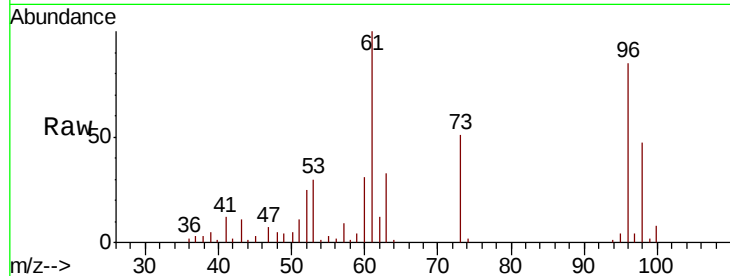
#19
trans-1,2-Dichloroethene
Concen: 17.265 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	118.3	108.6	162.8
98	55.1	53.4	80.0

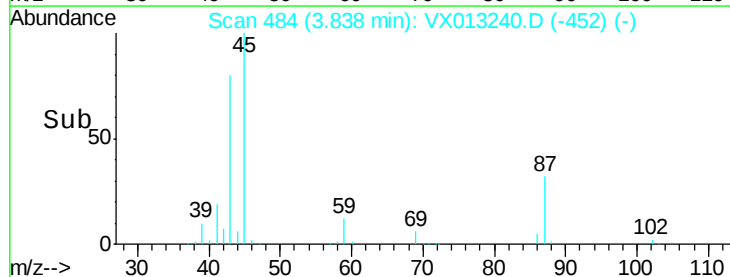
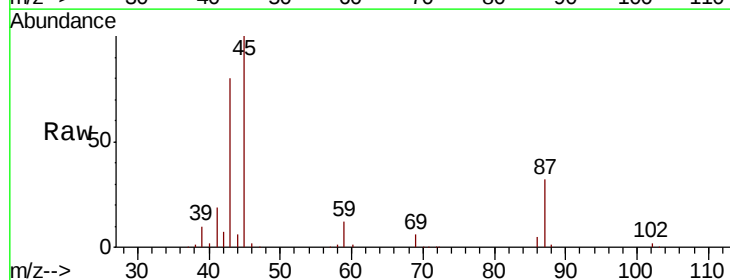
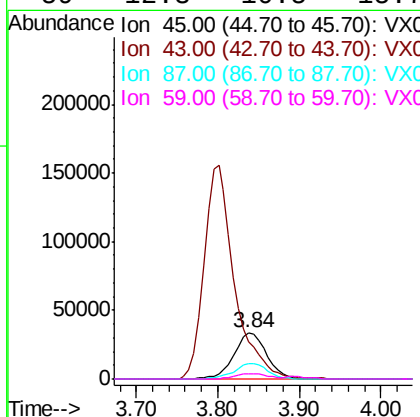
Manual Integrations
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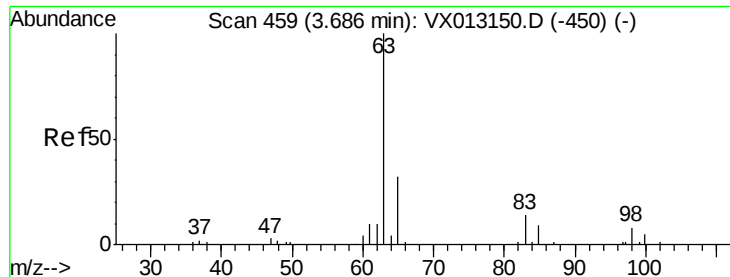
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#20
Diisopropyl ether
Concen: 16.578 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.8	60.6	91.0
87	32.3	24.2	36.2
59	12.3	10.5	15.7





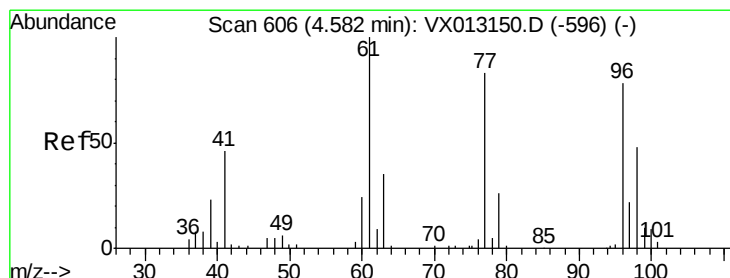
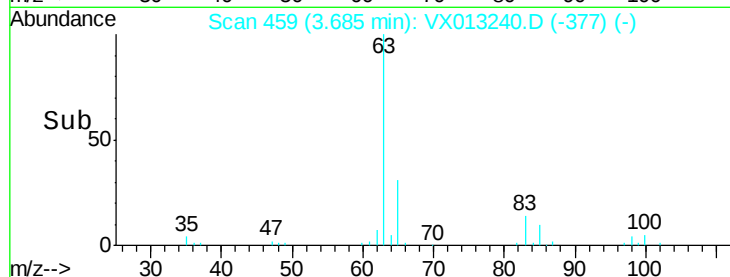
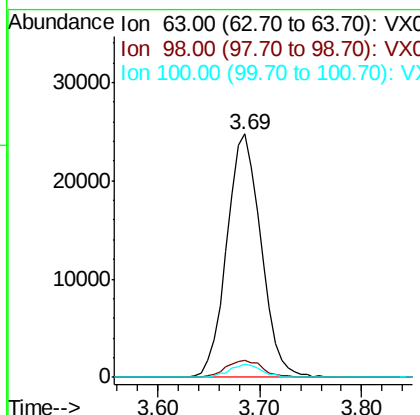
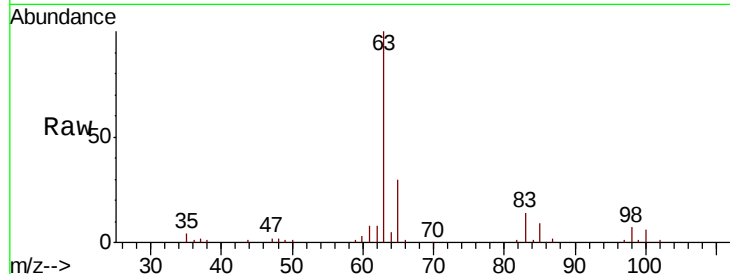
#21
 1,1-Dichloroethane
 Concen: 16.953 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	57587		
98	6.9		4.2	12.4
100	5.5		2.4	7.2

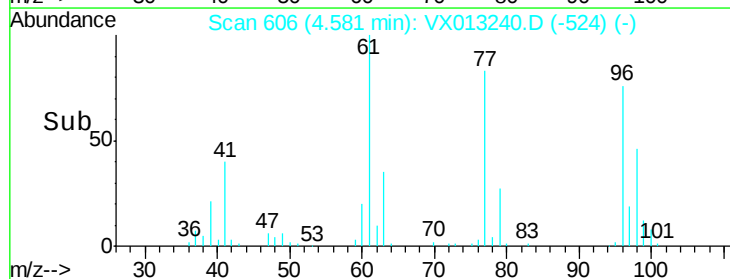
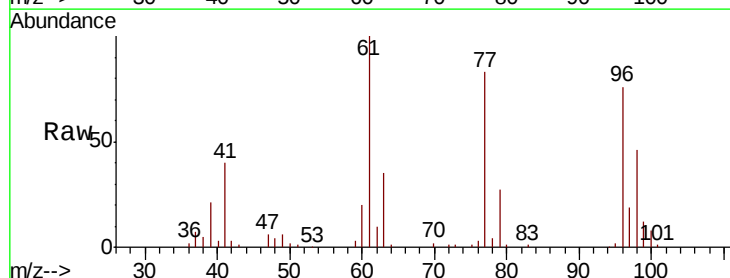
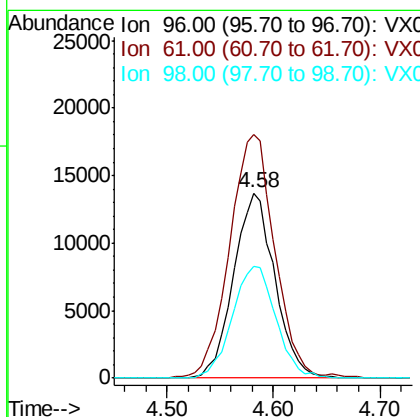
Manual Integrations
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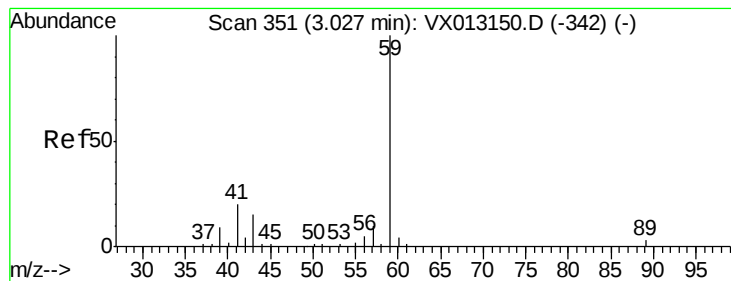
MMDadoda
 10/30/2019 12:07:25 PM



#22
 cis-1,2-Dichloroethene
 Concen: 16.890 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	37166		
61	143.4		112.5	168.7
98	64.0		51.2	76.8





#23

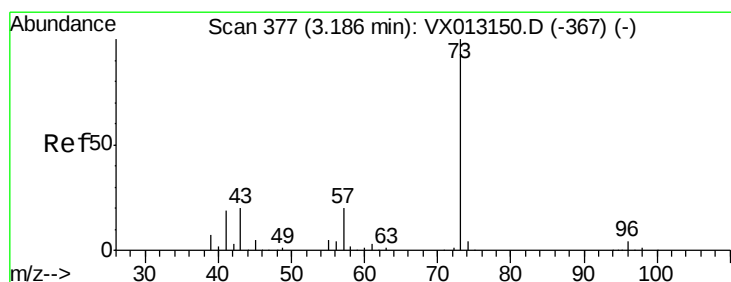
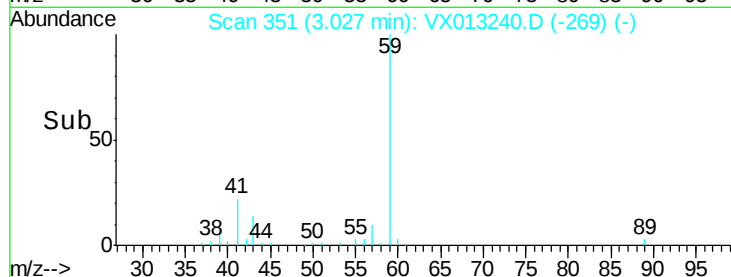
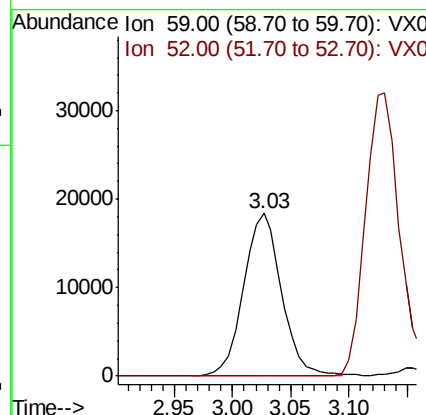
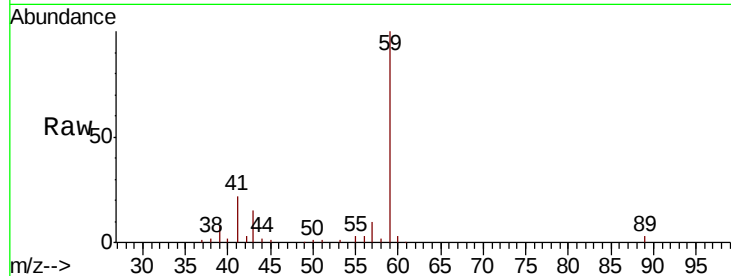
tert-Butyl Alcohol
 Concen: 80.635 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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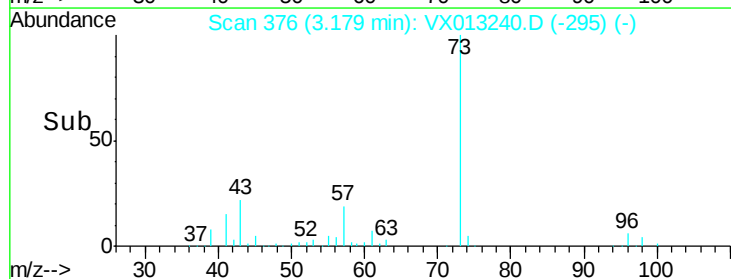
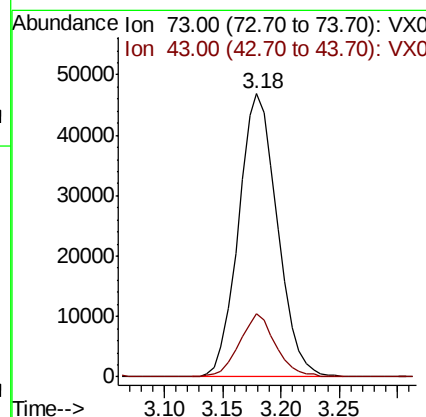
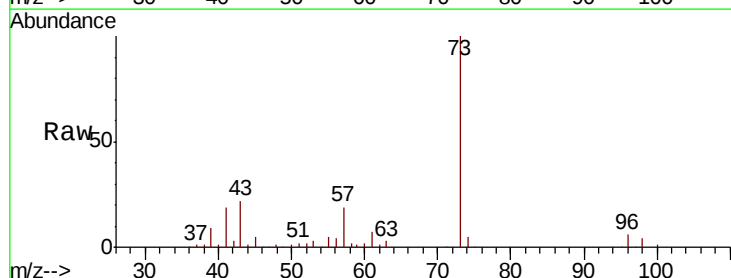
MMDadoda
 10/30/2019 12:07:25 PM

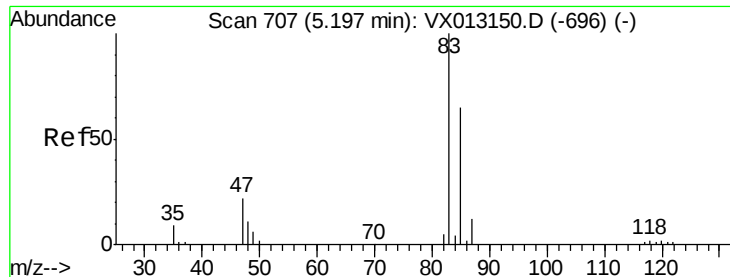


#24

Methyl tert-Butyl Ether
 Concen: 17.362 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.9	17.1	25.7





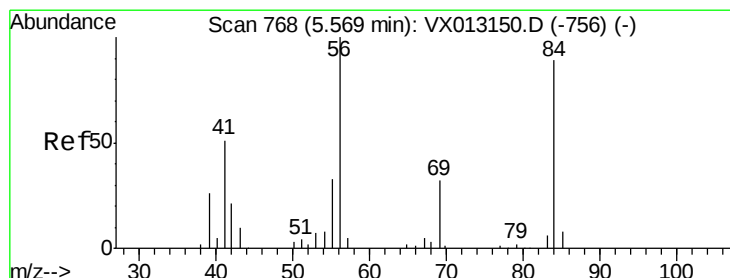
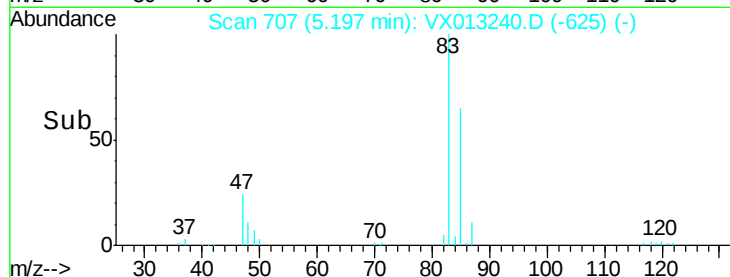
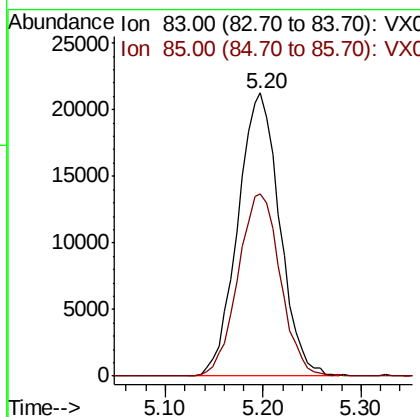
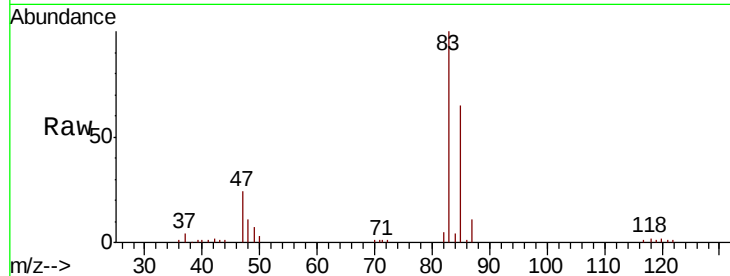
#25
Chloroform
Concen: 17.741 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	63328
Ion Ratio	100	Lower	Upper
85	64.6	52.0	78.0

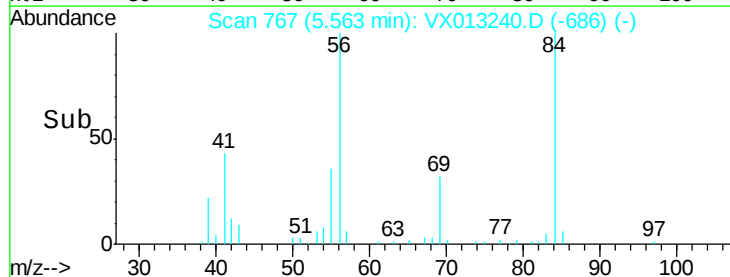
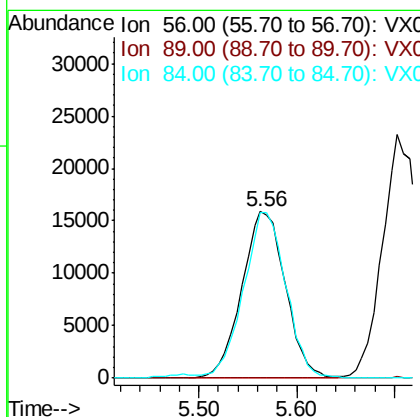
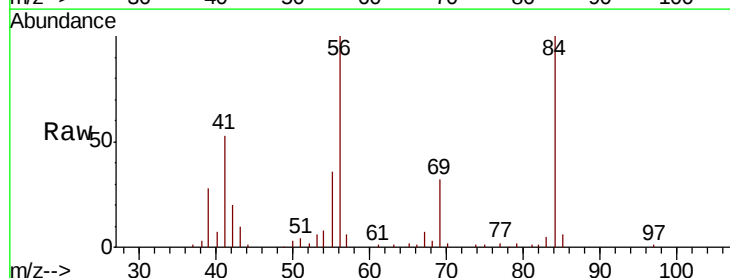
Manual Integrations
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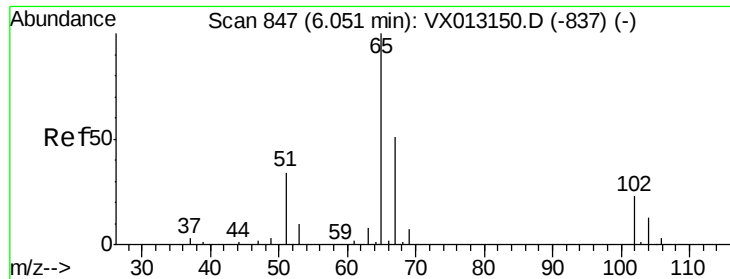
MMDadoda
10/30/2019 12:07:25 PM



#26
Cyclohexane
Concen: 16.457 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	56	Resp	49052
Ion Ratio	100	Lower	Upper
89	0.0	0.2	0.2#
84	97.3	74.0	111.0





#27

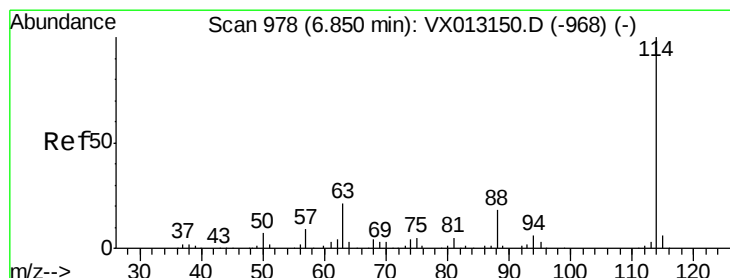
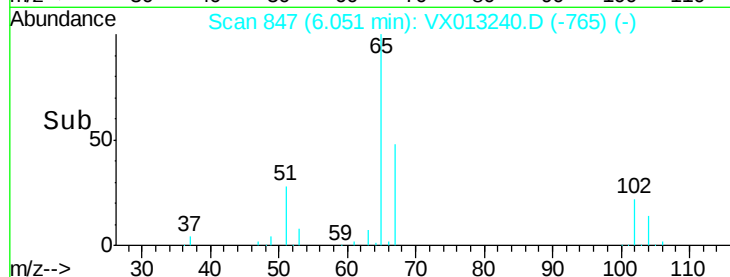
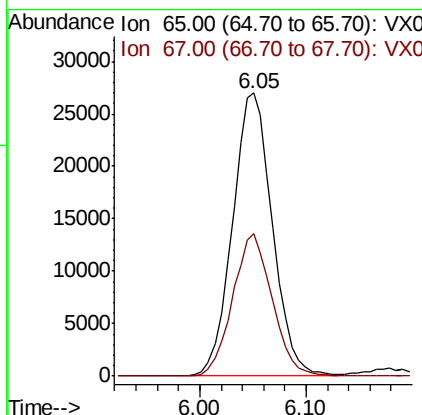
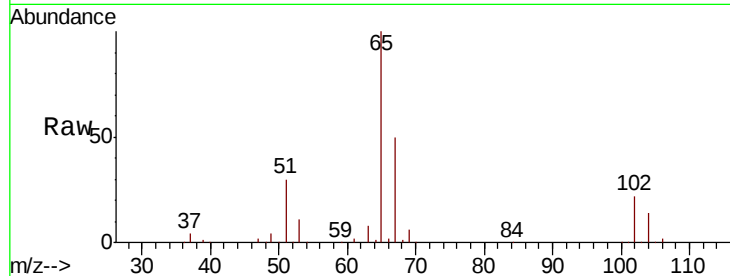
1,2-Dichloroethane-d4
Concen: 30.321 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.9	42.2	63.4

Manual Integrations
APPROVED

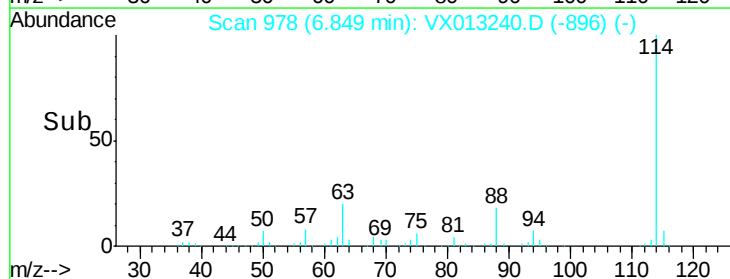
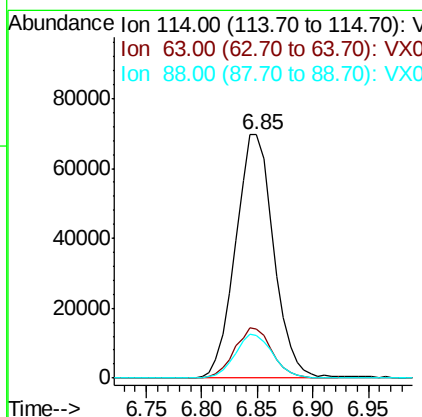
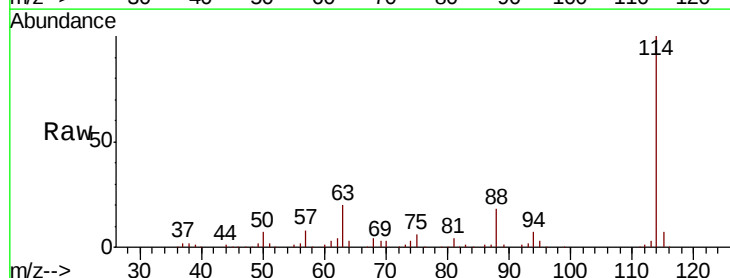
MMDadoda
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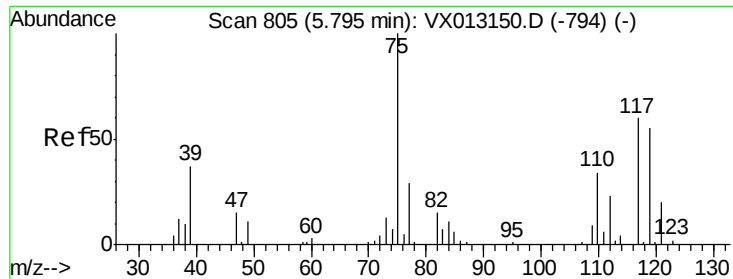


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.1	24.1
88	17.8	13.7	20.5





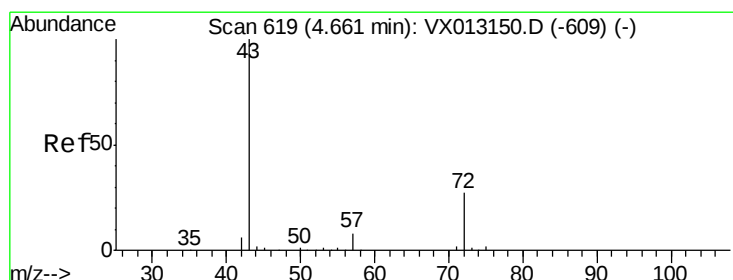
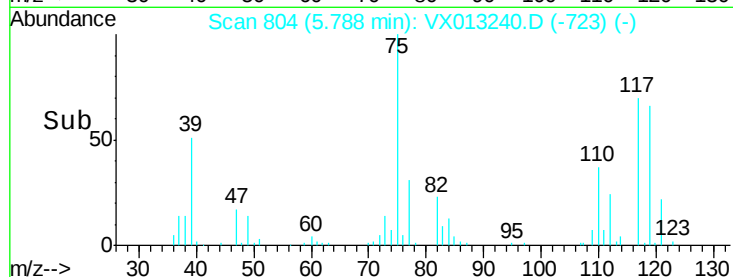
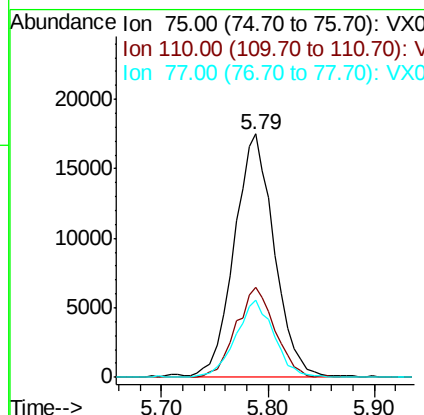
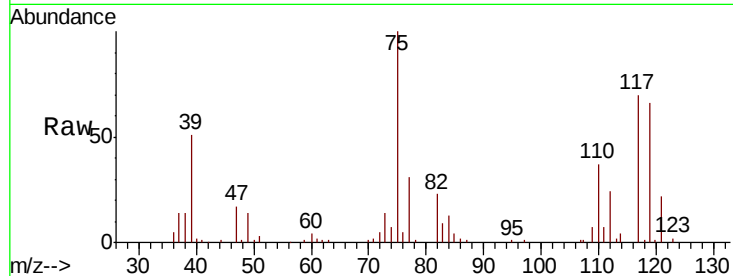
#29
 1,1-Dichloropropene
 Concen: 17.955 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	68.4
77	30.6	0.0	30.8

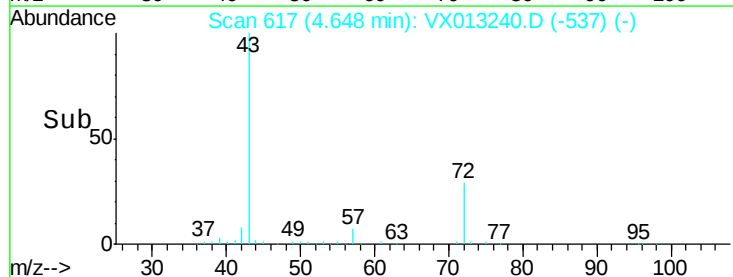
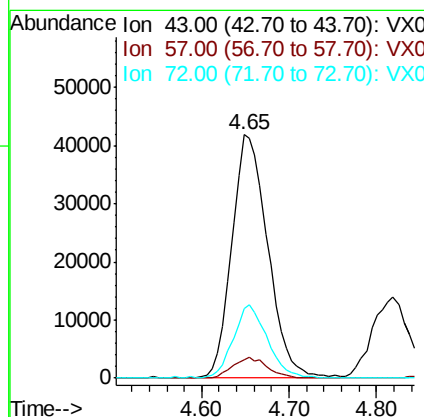
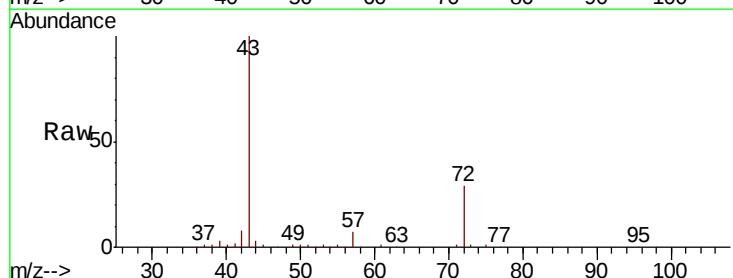
Manual Integrations
 APPROVED

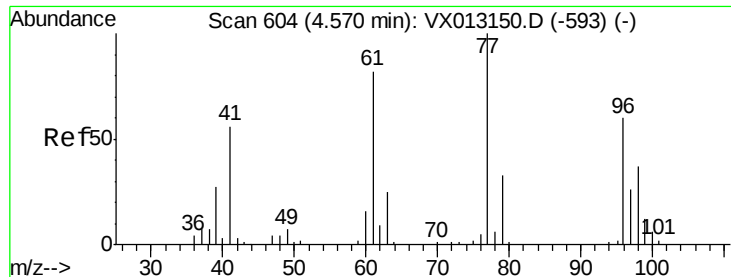
MMDadoda
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#30
 2-Butanone
 Concen: 88.223 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	7.0	10.6
72	28.7	23.4	35.2





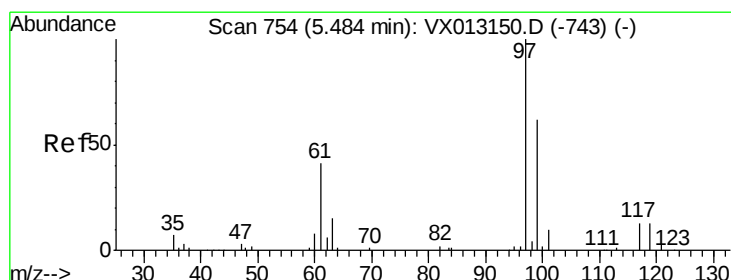
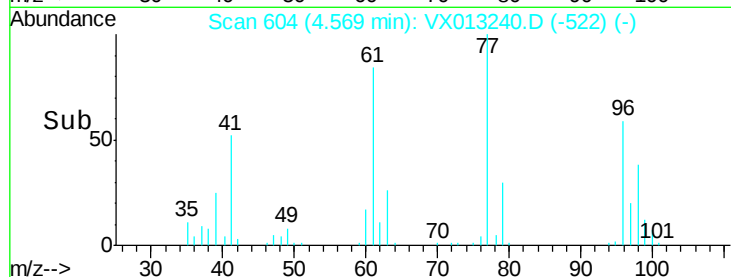
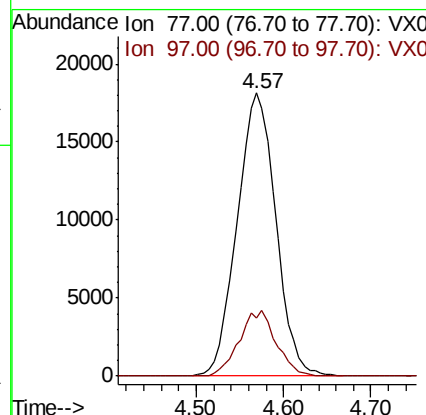
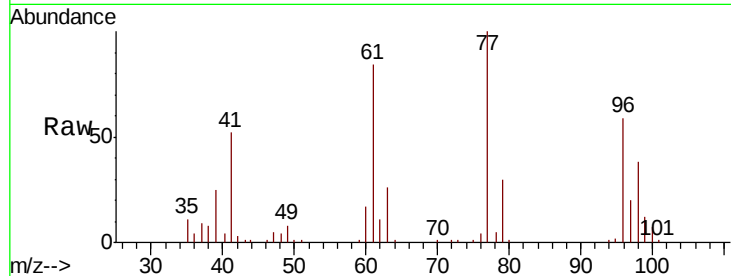
#31
 2,2-Dichloropropane
 Concen: 18.718 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.1	19.1	28.7

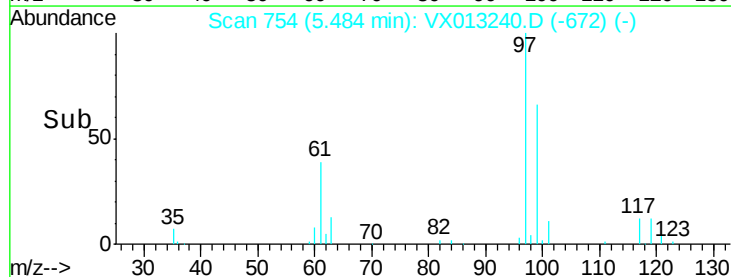
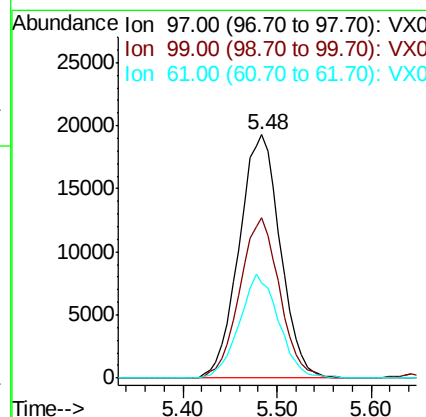
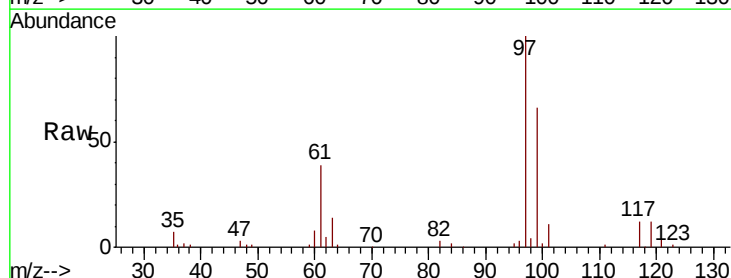
Manual Integrations
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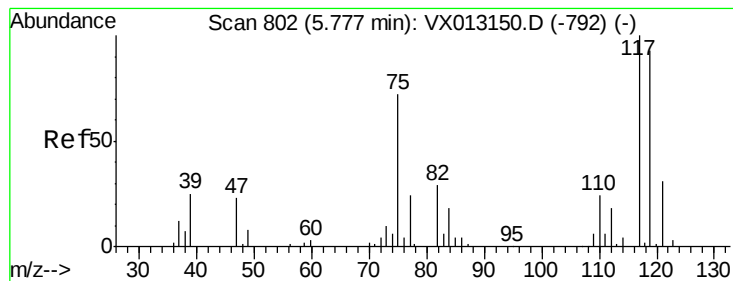
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 18.962 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	40.8	33.5	50.3





#33

Carbon Tetrachloride

Concen: 19.065 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

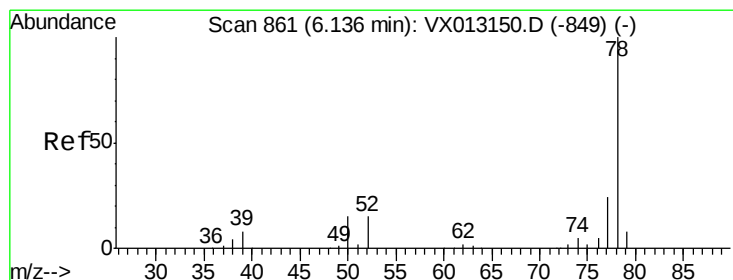
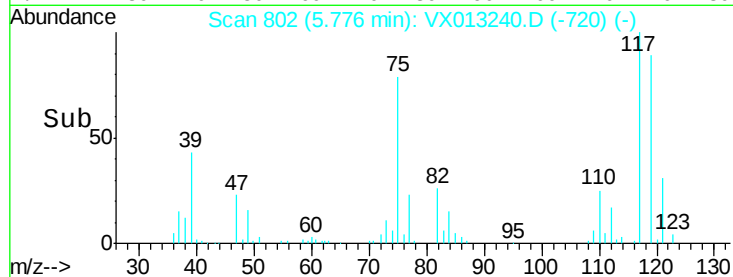
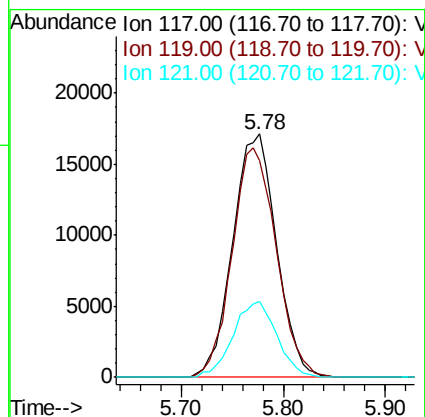
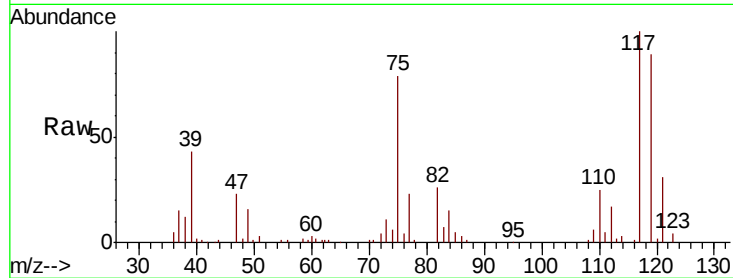
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	51014
Ion	Ratio	Lower	Upper
117	100		
119	89.1	74.9	112.3
121	31.3	25.0	37.4

Manual Integrations
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#34

Benzene

Concen: 17.611 ug/l

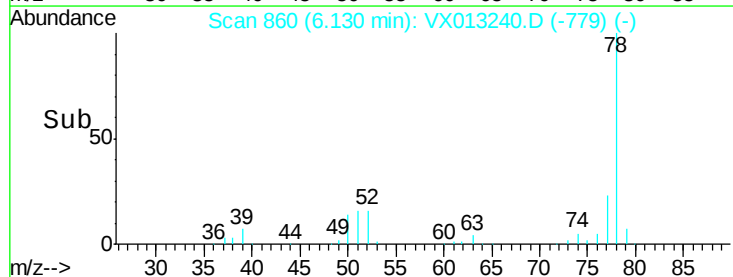
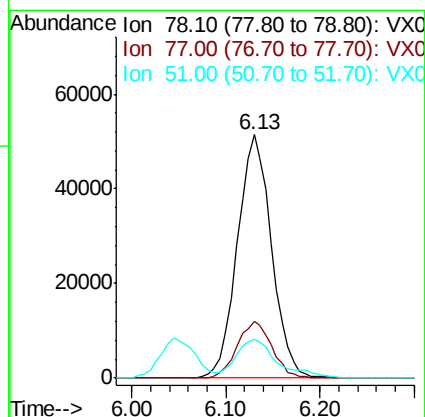
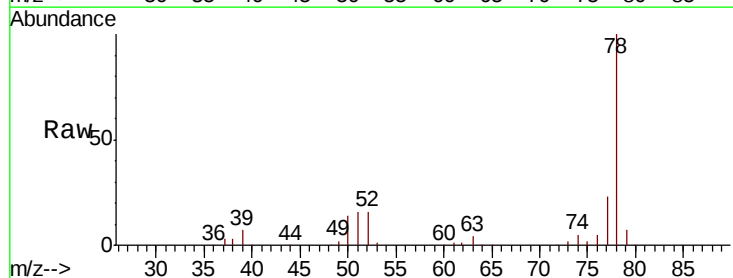
RT: 6.13 min Scan# 860

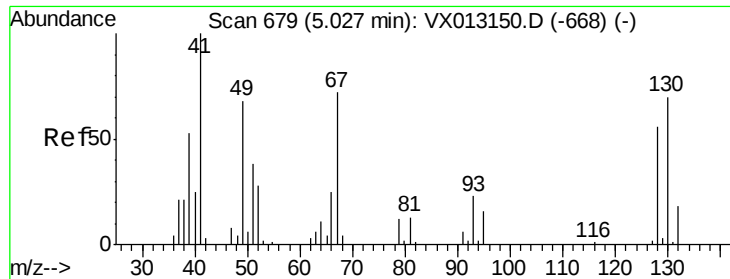
Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	78	Resp:	130446
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9
51	15.4	11.4	17.2





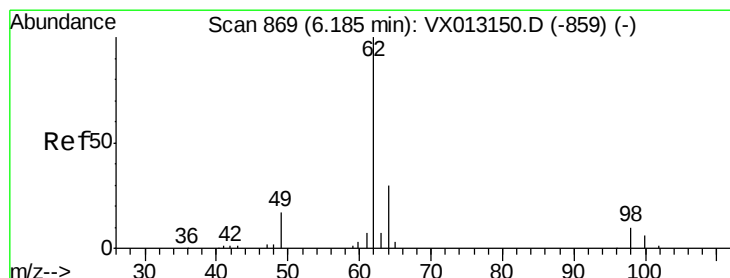
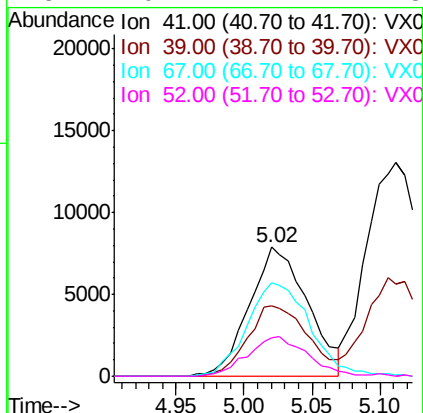
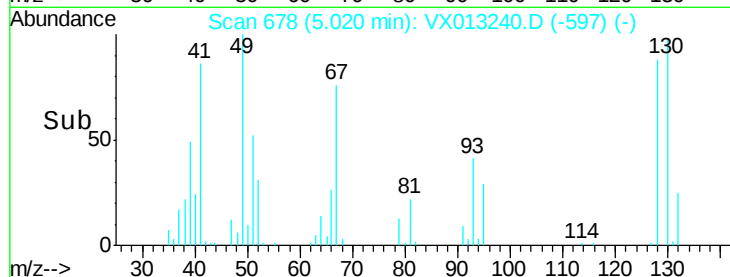
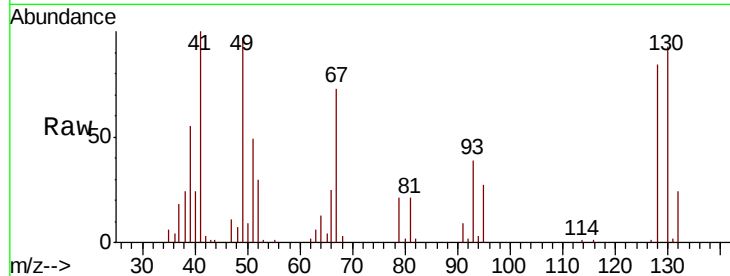
#35
Methacrylonitrile
Concen: 16.980 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.9	26.3	78.9
67	72.8	35.8	107.4
52	29.7	14.1	42.3

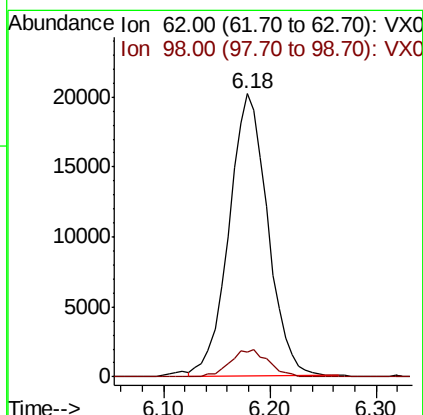
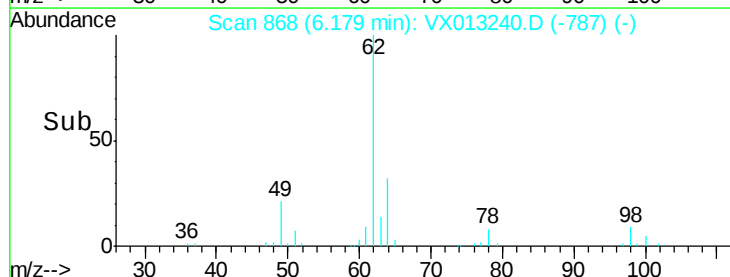
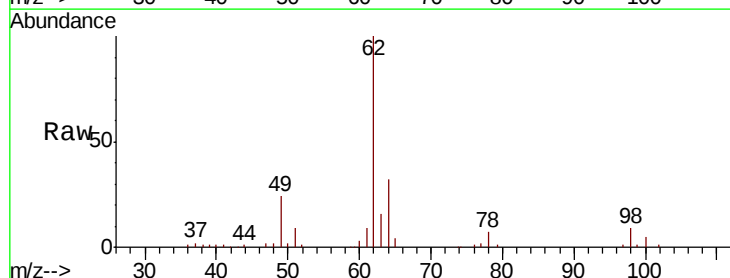
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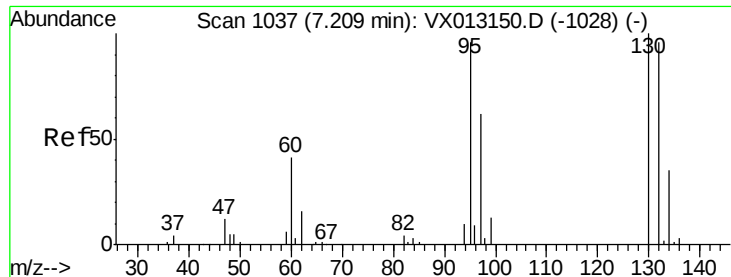
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.404 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	8.0	12.0





#37

Trichloroethene

Concen: 18.404 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 37811

Ion Ratio Lower Upper

130 100

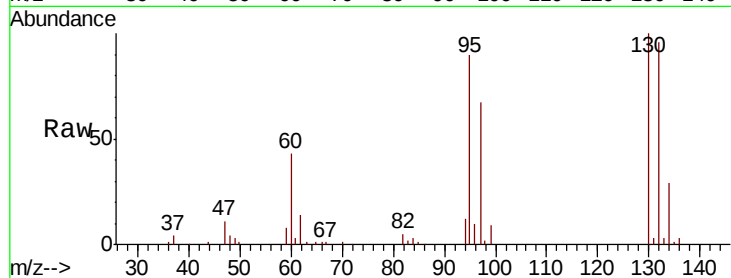
95 90.2 77.0 115.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

20000

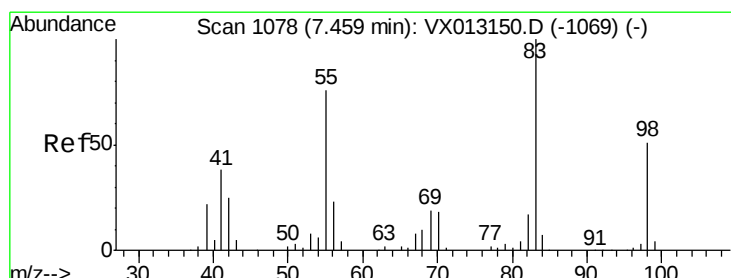
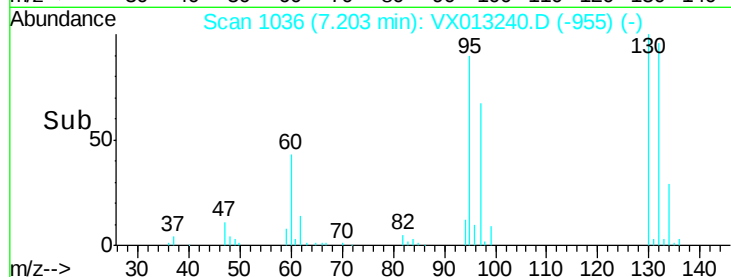
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 17.787 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

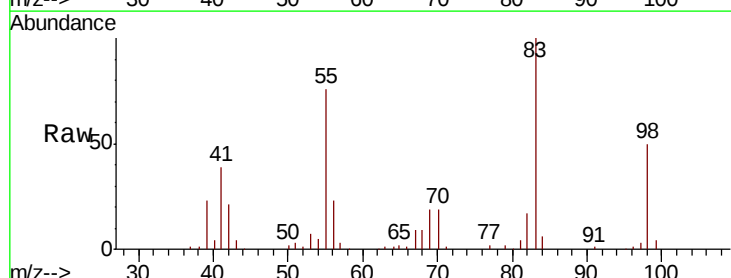
Tgt Ion: 83 Resp: 55811

Ion Ratio Lower Upper

83 100

55 74.9 37.5 112.5

98 49.8 25.4 76.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

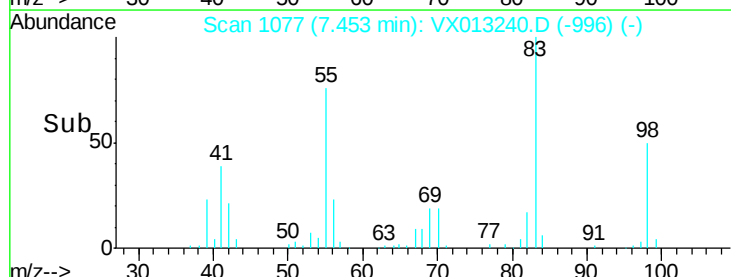
30000

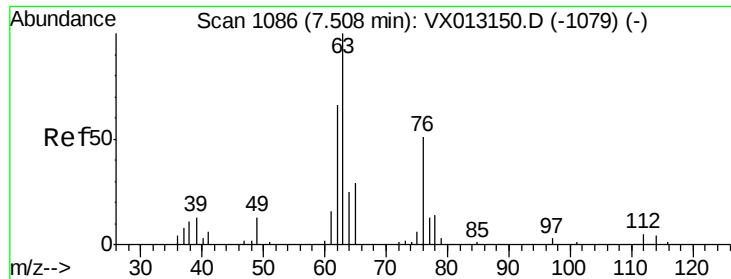
20000

10000

0

Time-->





#39

1,2-Dichloropropane

Concen: 17.132 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 31146

Ion Ratio Lower Upper

63 100

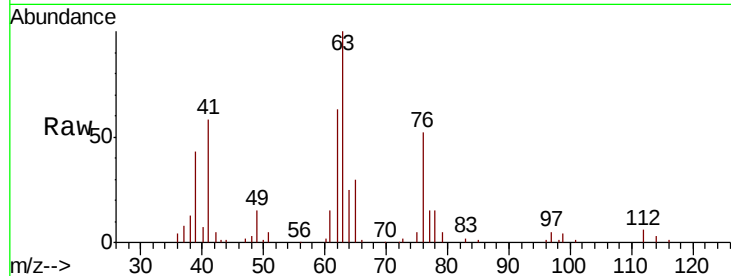
65 30.6 24.8 37.2

Manual Integrations

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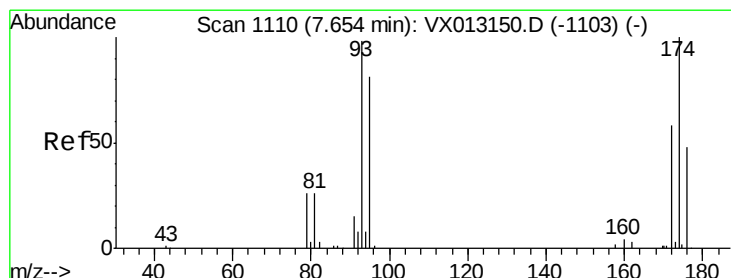
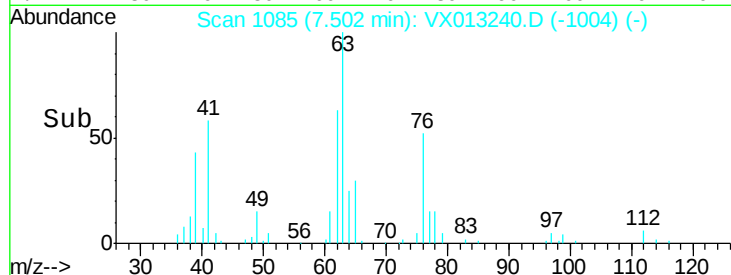
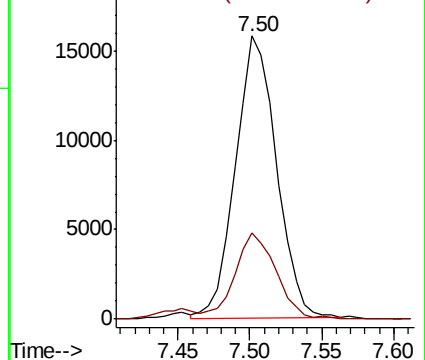
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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.091 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

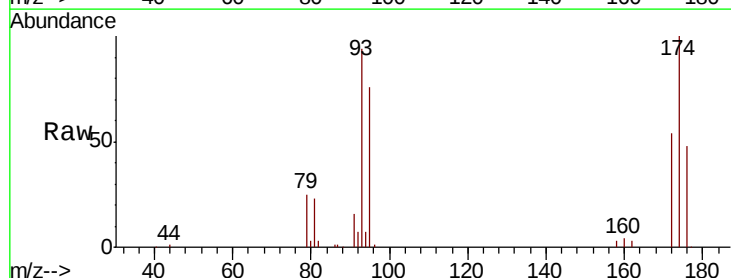
Tgt Ion: 93 Resp: 23492

Ion Ratio Lower Upper

93 100

95 81.8 0.0 166.0

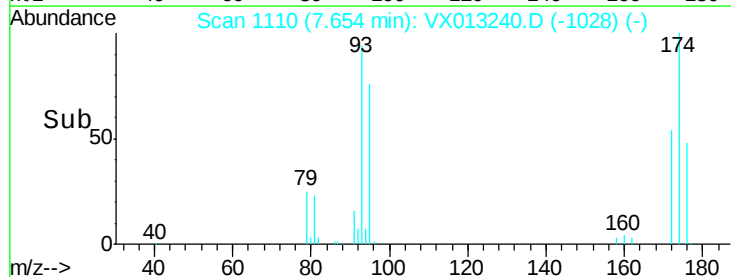
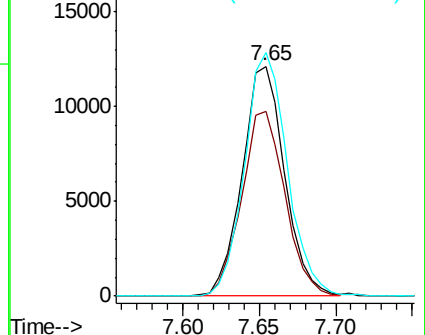
174 106.4 0.0 208.8

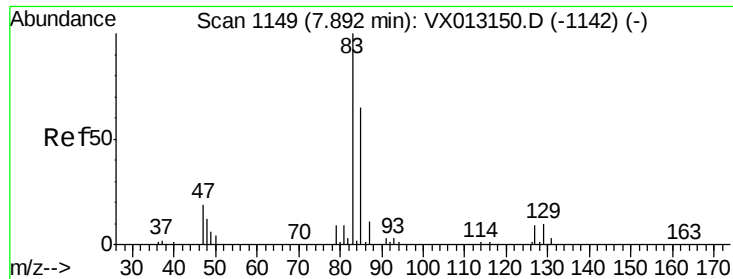


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.399 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

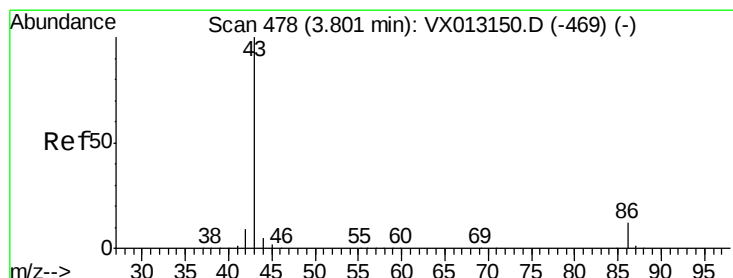
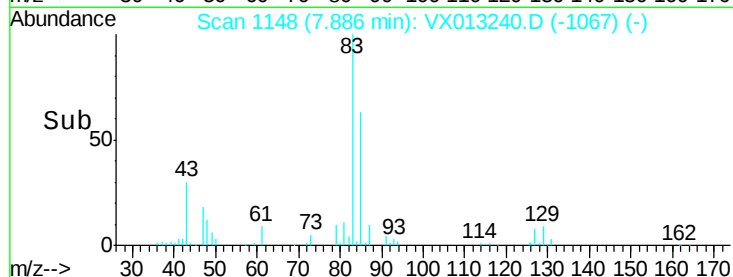
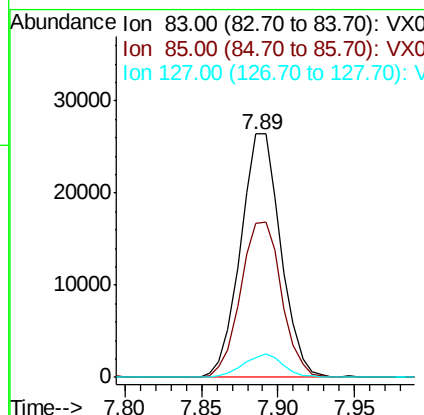
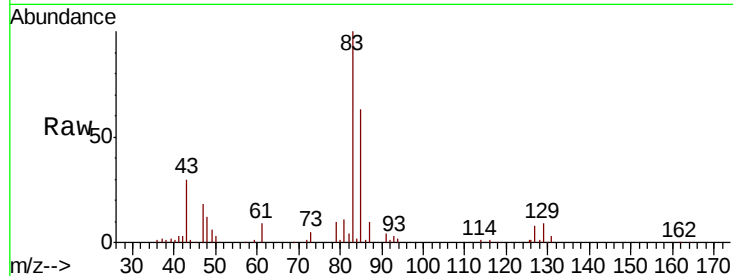
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	48175
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.1	78.1
127	8.0	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 85.927 ug/l

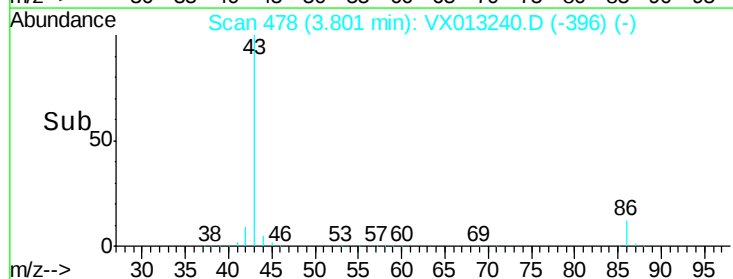
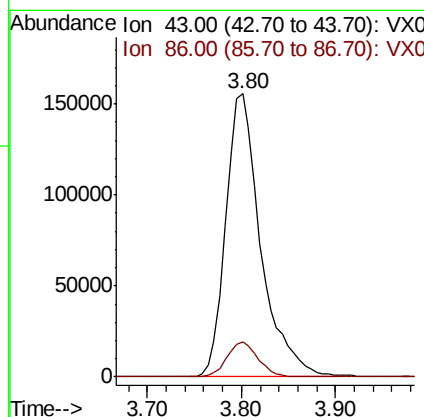
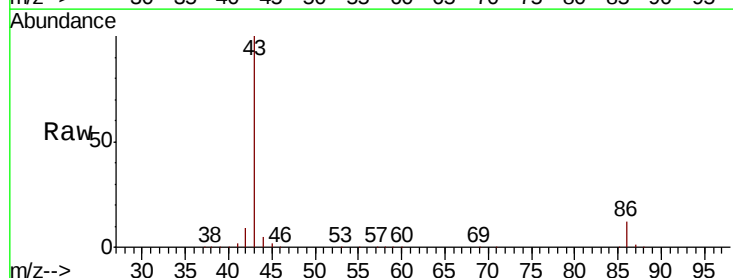
RT: 3.80 min Scan# 478

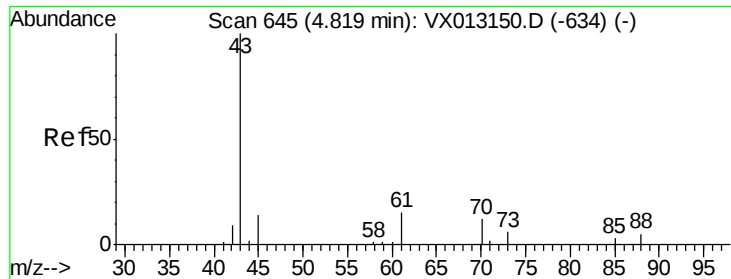
Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	43	Resp:	402136
Ion Ratio	Lower	Upper	
43	100		
86	11.0	8.6	12.8





#43

Ethyl Acetate

Concen: 16.646 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tot Ion: 43 Resp: 40975

Ion Ratio Lower Upper

43 100

45 16.4 12.6 18.8

Instrument :

MSVOA_X

ClientSampleId :

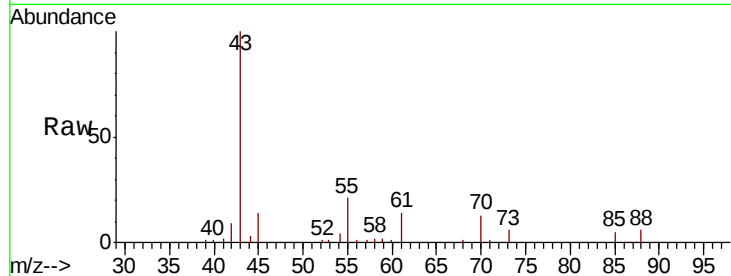
VSTDCCC020

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

15000

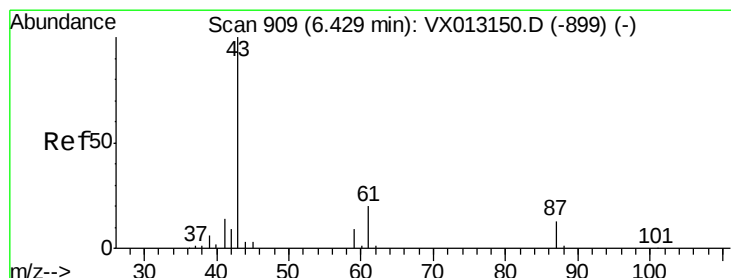
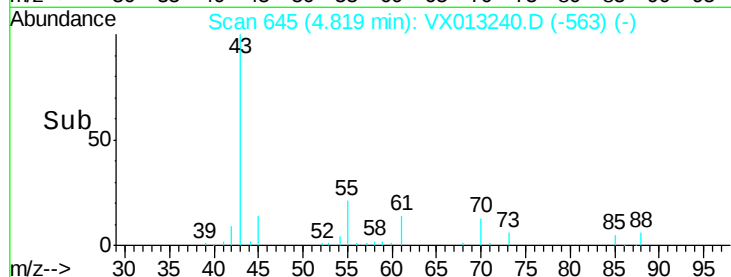
10000

5000

0

4.70 4.75 4.80 4.85 4.90

Time-->



#44

Isopropyl Acetate

Concen: 17.329 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX013240.D

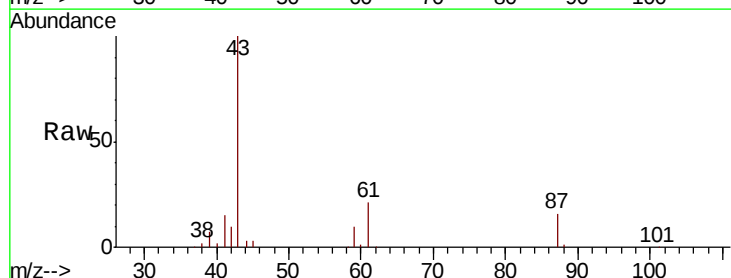
Acq: 28 Oct 2019 11:45

Tgt Ion: 43 Resp: 71691

Ion Ratio Lower Upper

43 100

61 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

25000

20000

15000

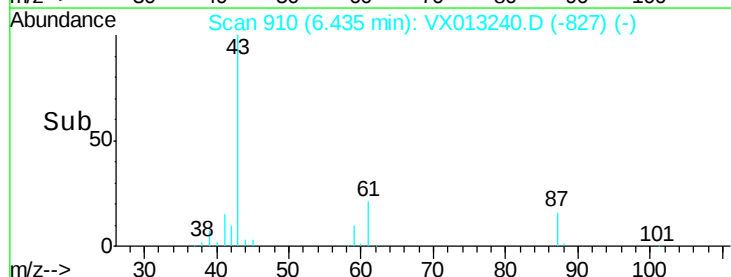
10000

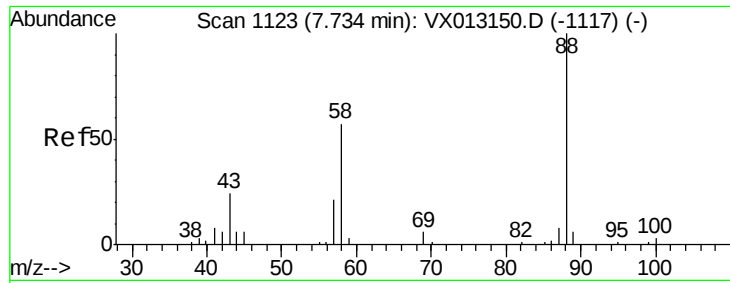
5000

0

6.35 6.40 6.45 6.50

Time-->





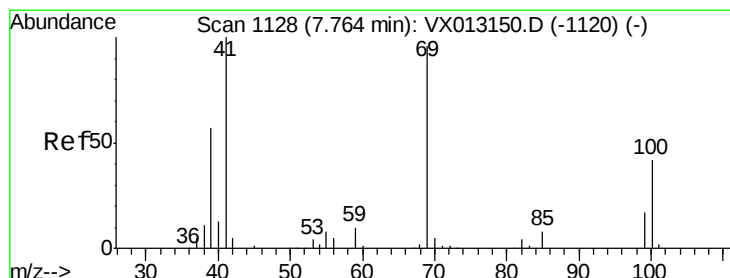
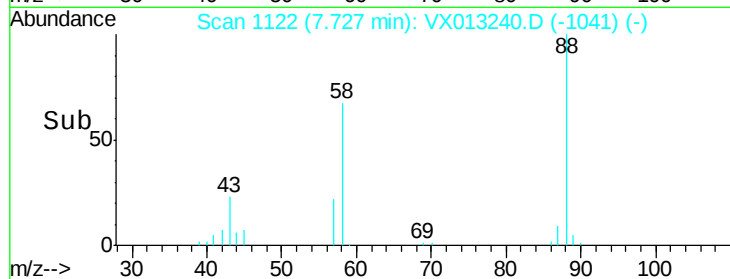
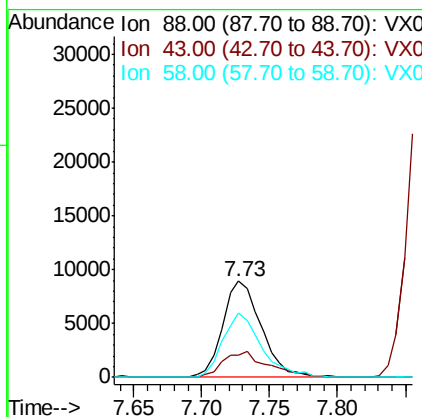
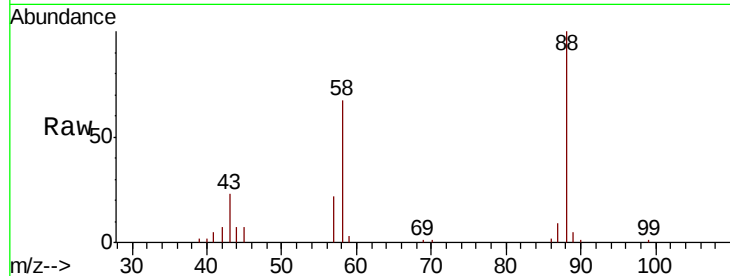
#45
1,4-Dioxane
Concen: 336.136 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.0	36.0
58	67.2	52.8	79.2

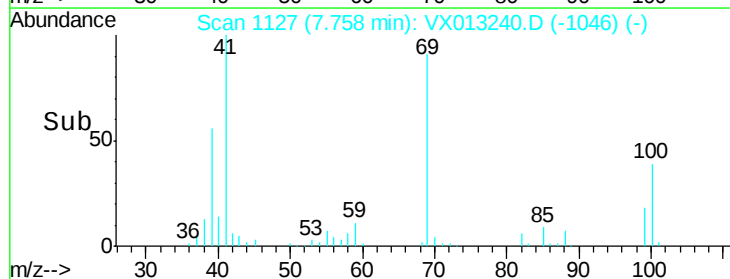
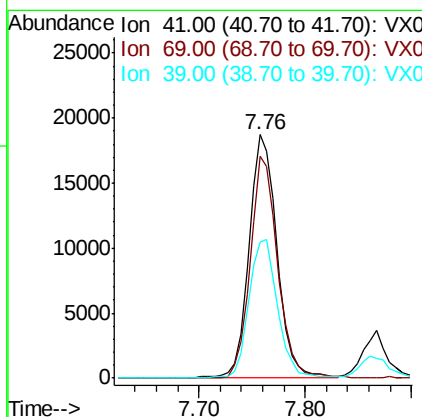
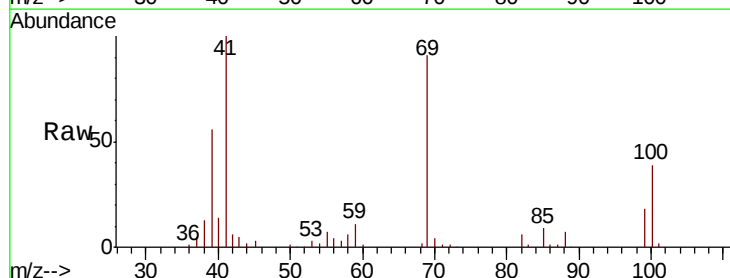
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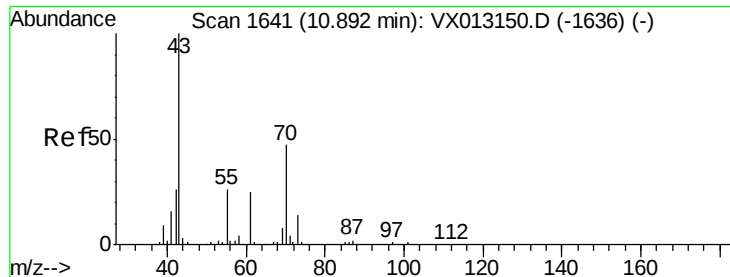
MMDadoda
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#46
Methyl methacrylate
Concen: 17.014 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.2	47.8	143.3
39	55.8	28.5	85.5





#47

n-amvl Acetate

Concen: 16.548 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 57705

Ion Ratio Lower Upper

43 100

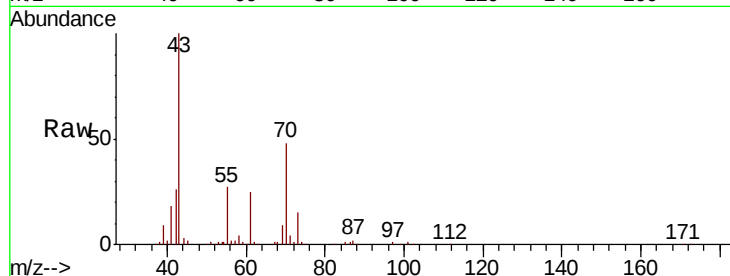
55 26.4 20.9 31.3

Manual Integrations

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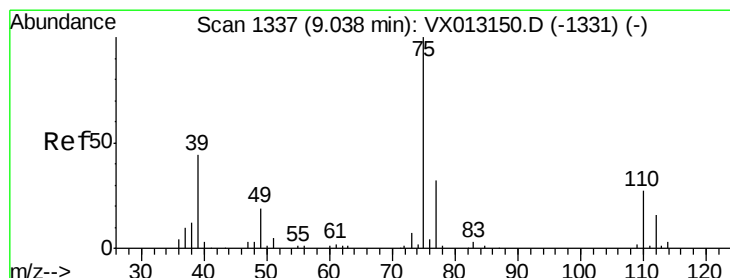
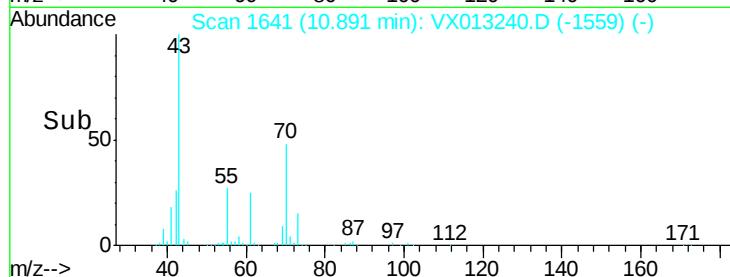
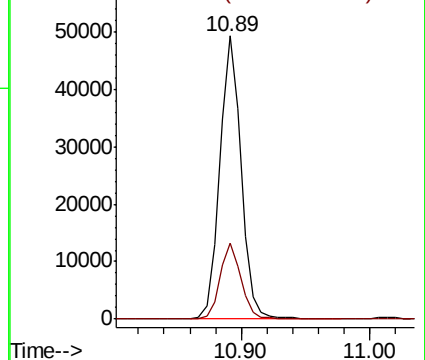
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.400 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013240.D

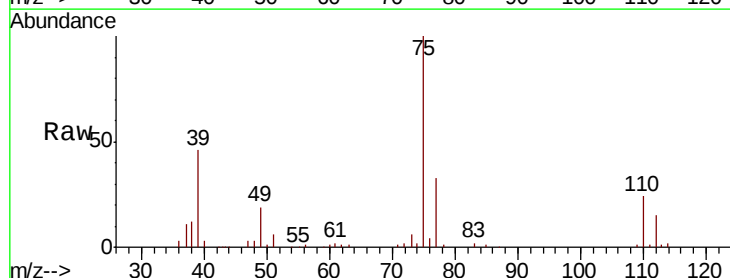
Acq: 28 Oct 2019 11:45

Tgt Ion: 75 Resp: 52848

Ion Ratio Lower Upper

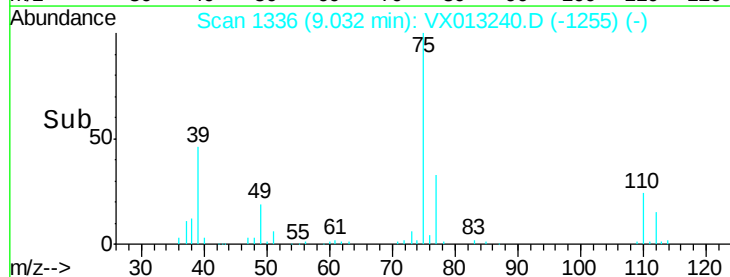
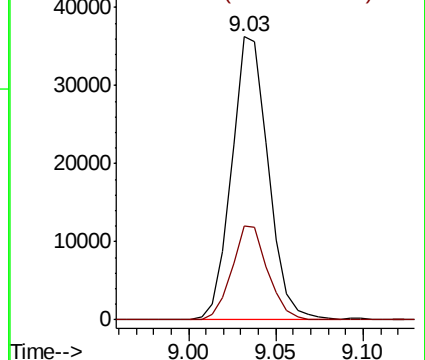
75 100

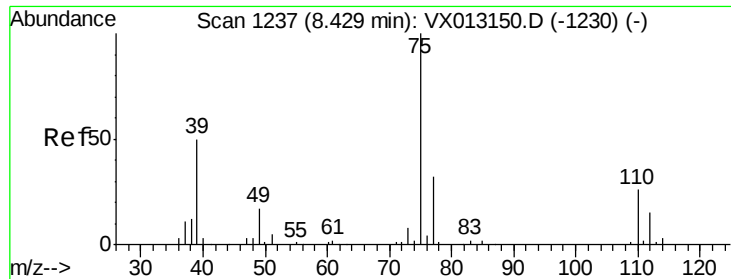
77 33.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





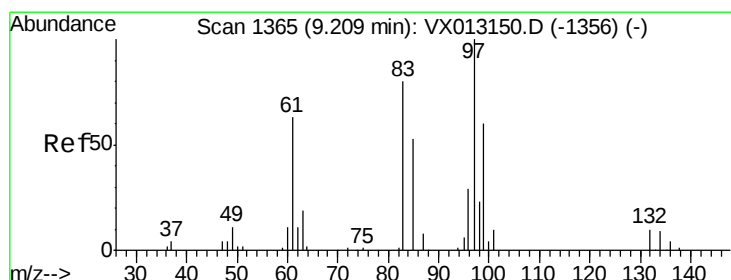
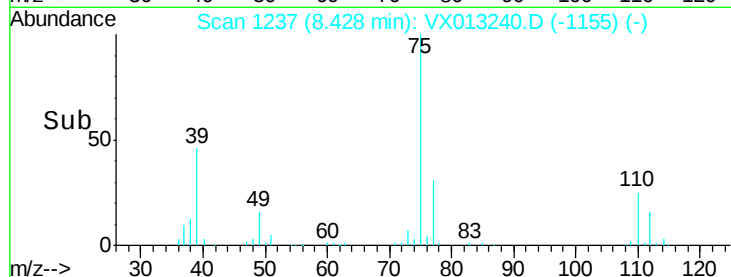
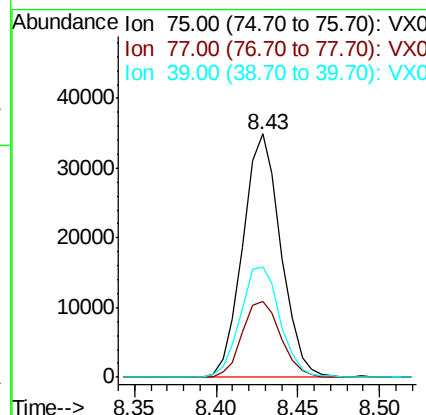
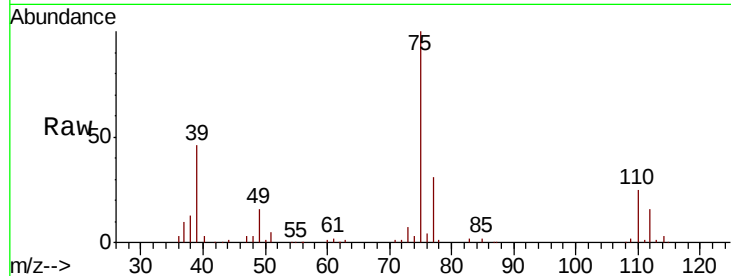
#49
 cis-1,3-Dichloropropene
 Concen: 18.214 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.8
39	45.5	39.7	59.5

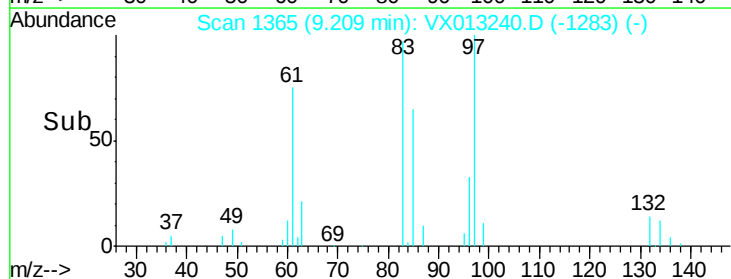
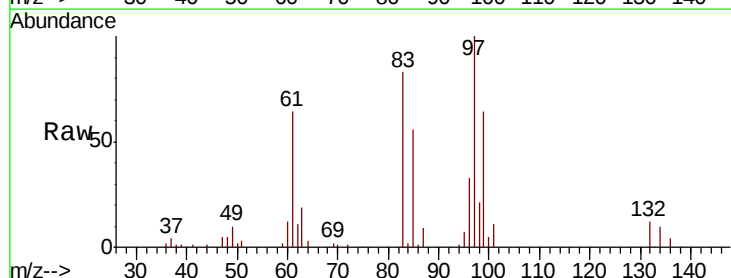
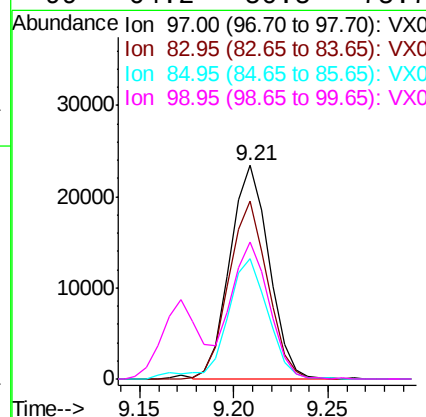
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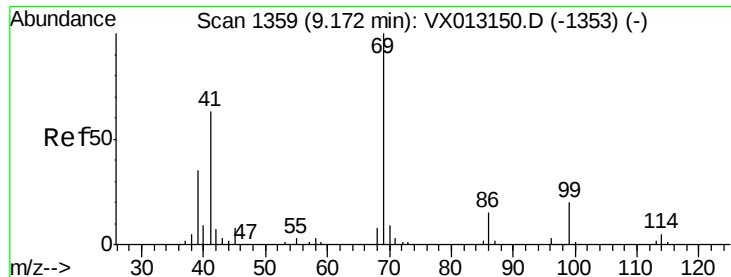
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#50
 1,1,2-Trichloroethane
 Concen: 17.714 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	64.2	96.4
85	56.2	42.7	64.1
99	64.2	50.5	75.7





#51

Ethyl methacrylate

Concen: 17.580 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

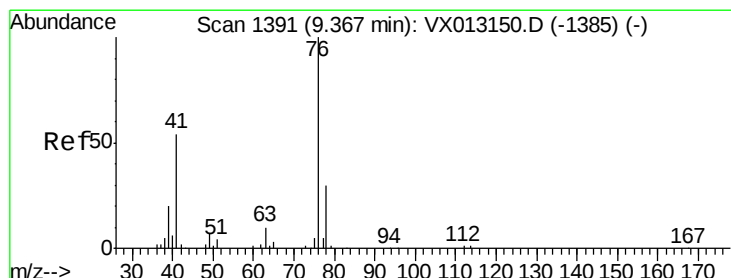
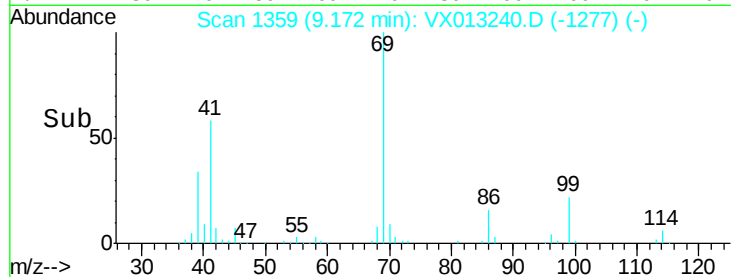
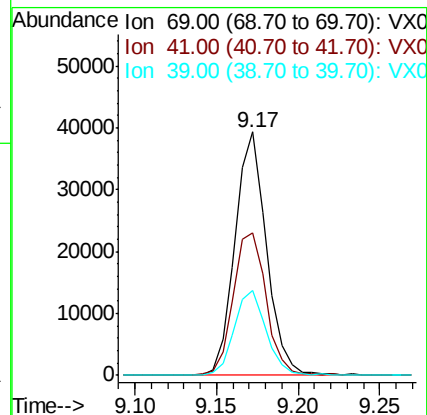
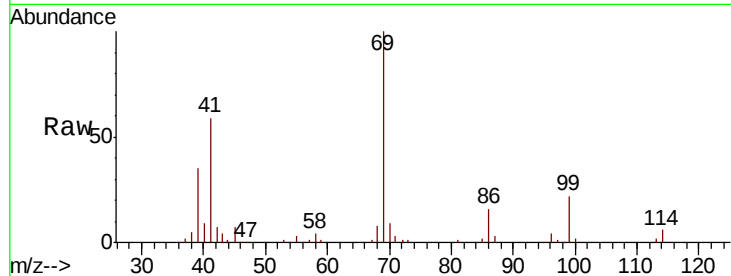
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	52863
Ion	Ratio	Lower	Upper
69	100		
41	58.6	31.6	95.0
39	34.9	17.7	53.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.841 ug/l

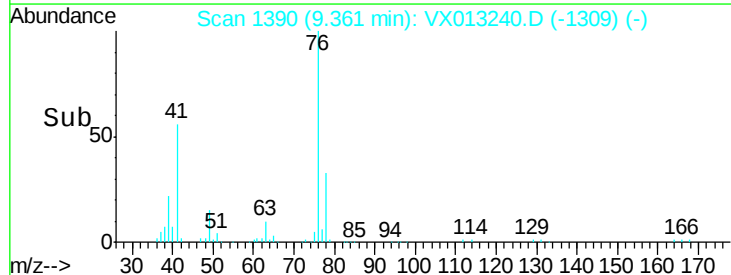
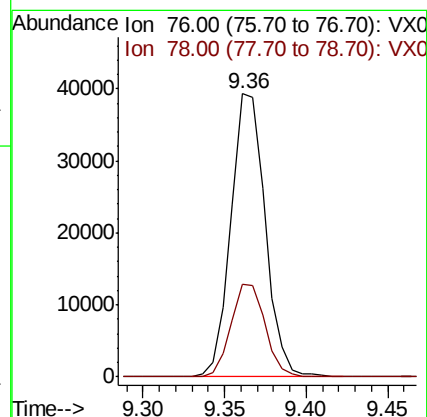
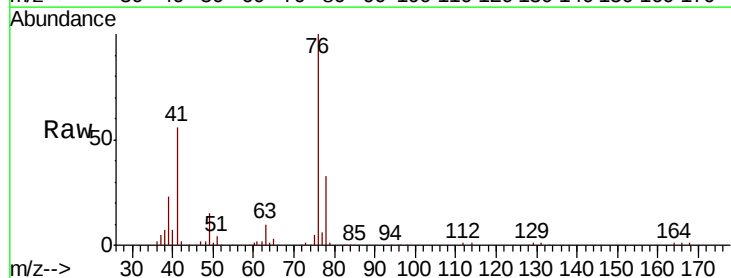
RT: 9.36 min Scan# 1390

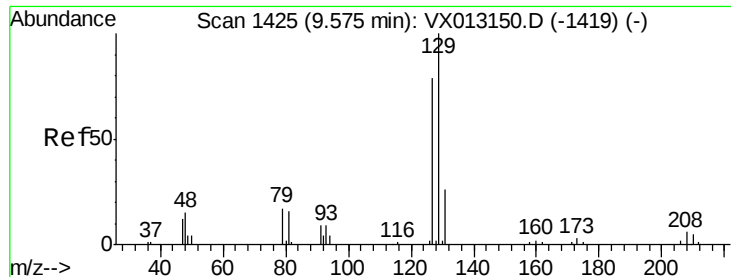
Delta R.T. -0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	76	Resp:	57617
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	64.6





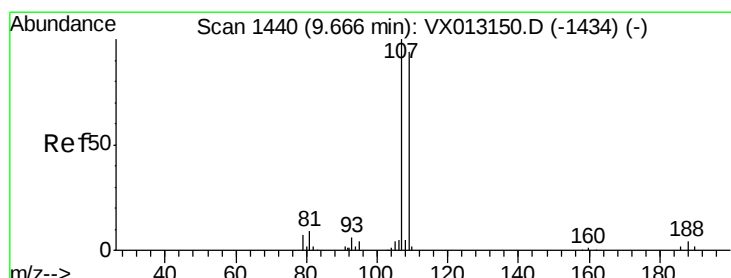
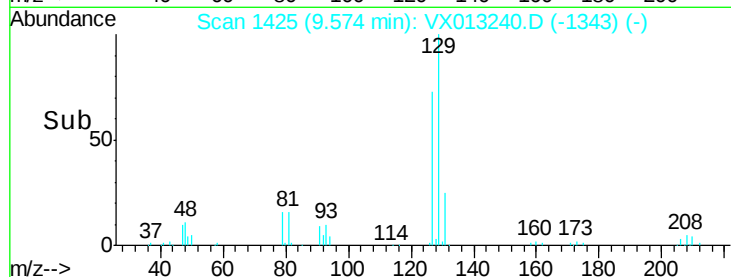
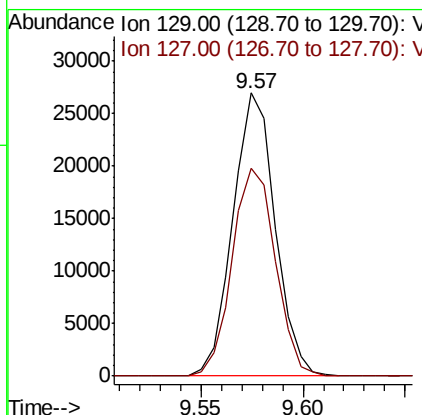
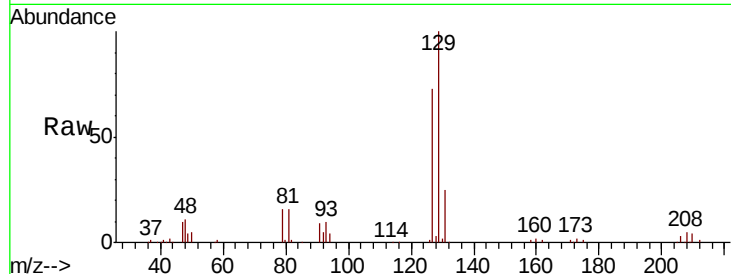
#53
 Dibromochloromethane
 Concen: 18.742 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:129 Resp: 38769
 Ion Ratio Lower Upper
 129 100
 127 75.3 39.4 118.2

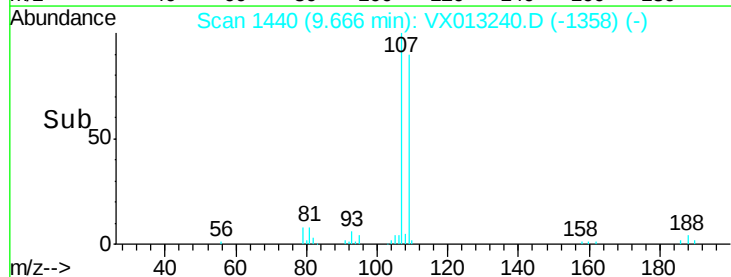
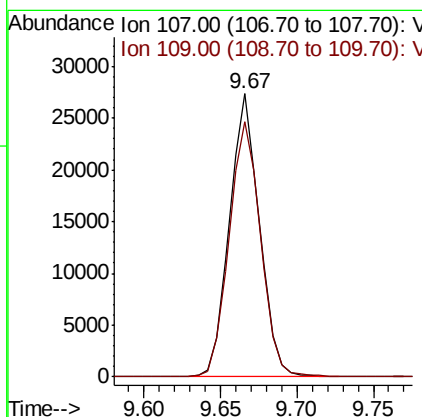
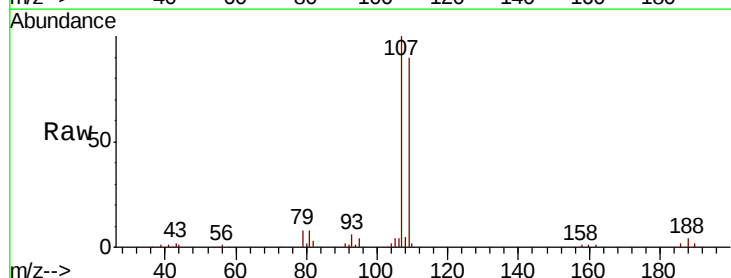
Manual Integrations
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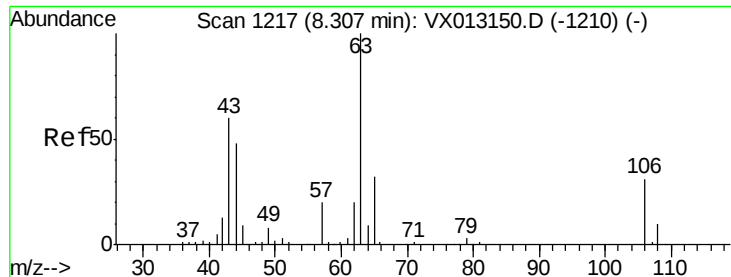
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#54
 1,2-Dibromoethane
 Concen: 18.117 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion:107 Resp: 37148
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.4 113.0





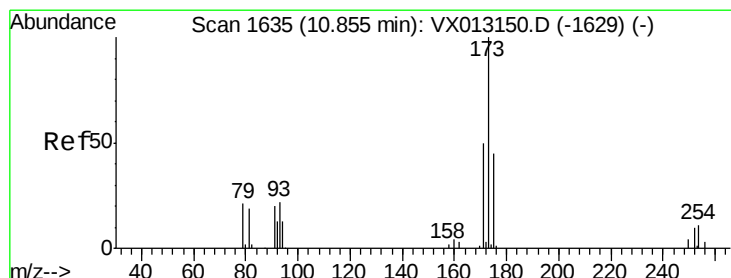
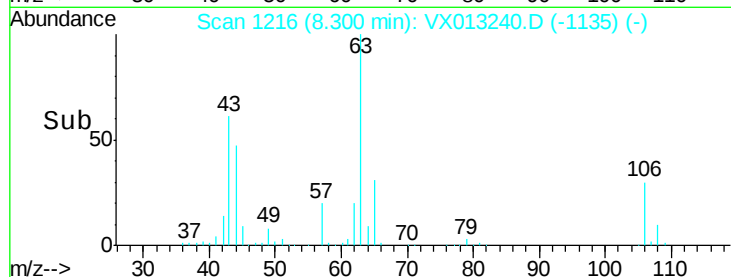
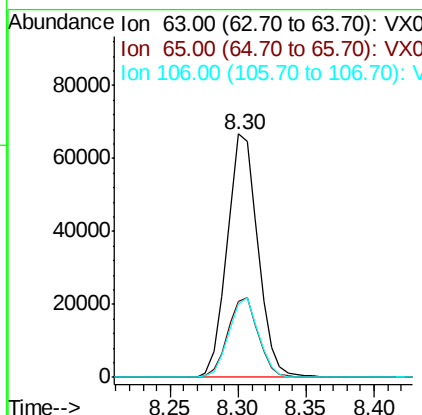
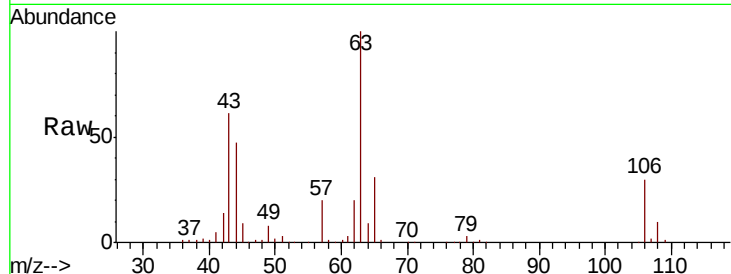
#55
2-Chloroethyl vinyl ether
Concen: 86.050 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.5	38.3
106	31.5	24.8	37.2

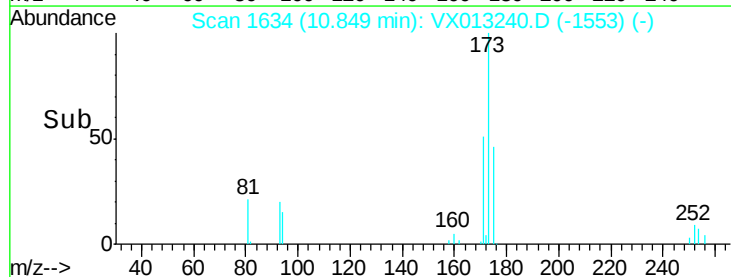
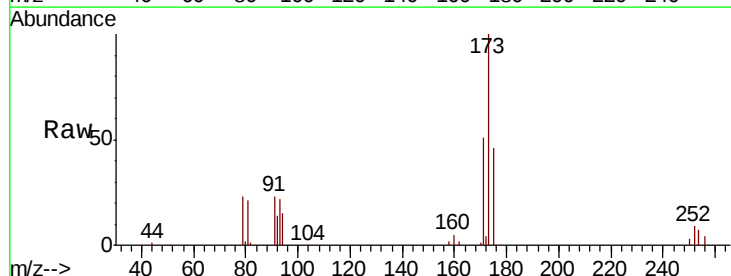
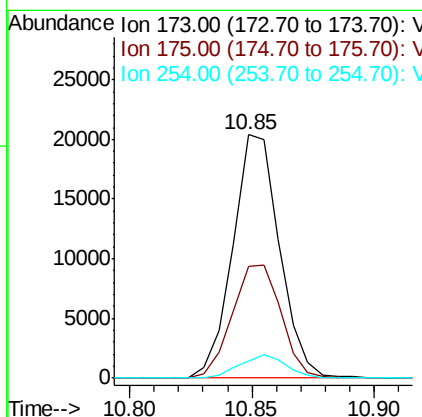
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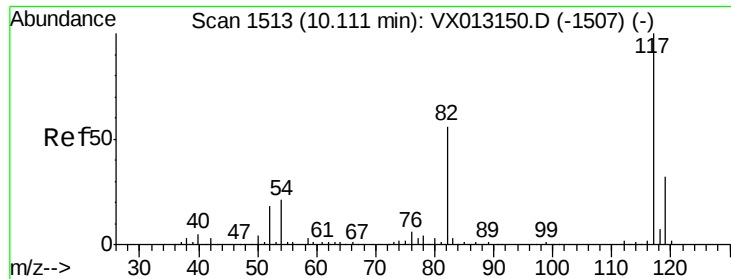
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#56
Bromoform
Concen: 18.456 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	9.6	8.1	12.1





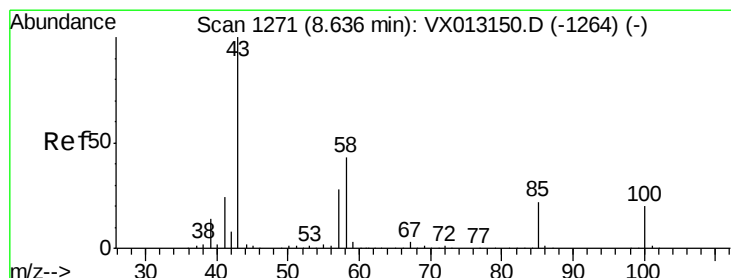
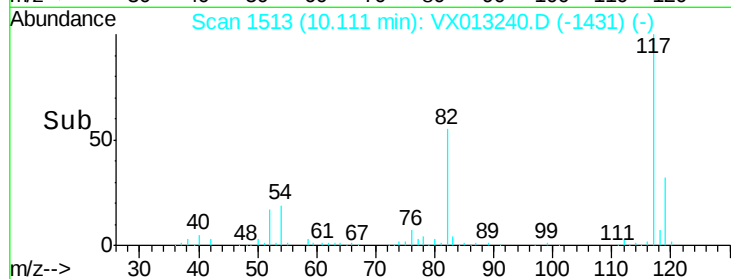
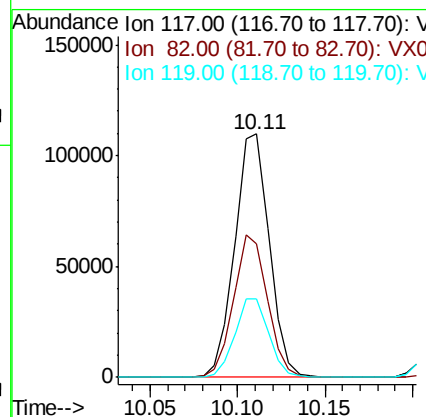
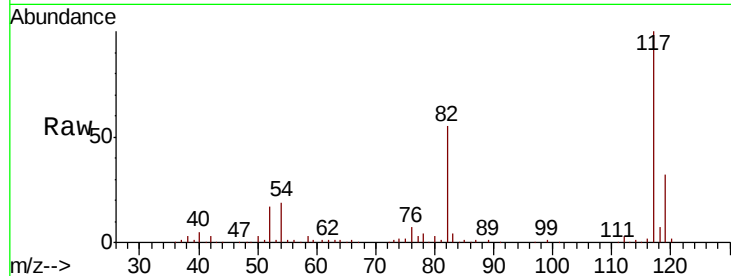
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.0	69.0
119	31.8	25.4	38.0

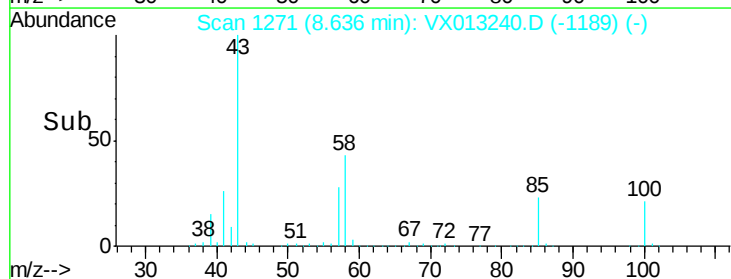
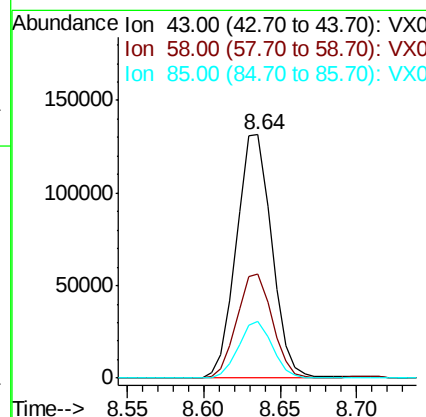
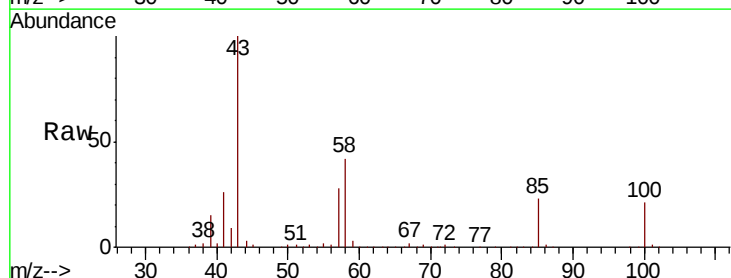
Manual Integrations
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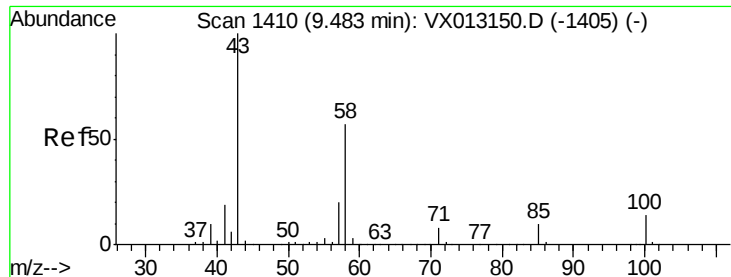
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 83.160 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.9	33.8	50.8
85	22.3	16.8	25.2





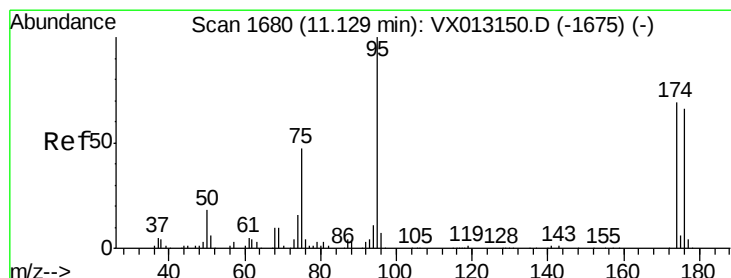
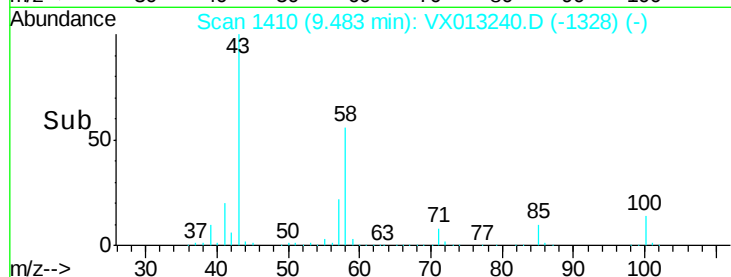
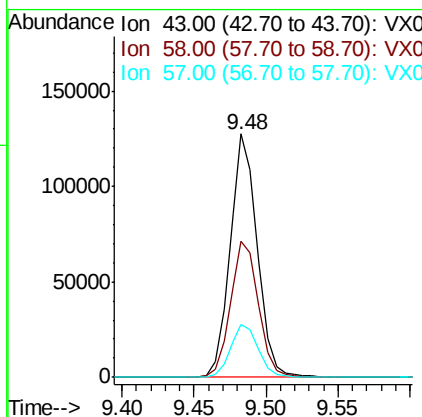
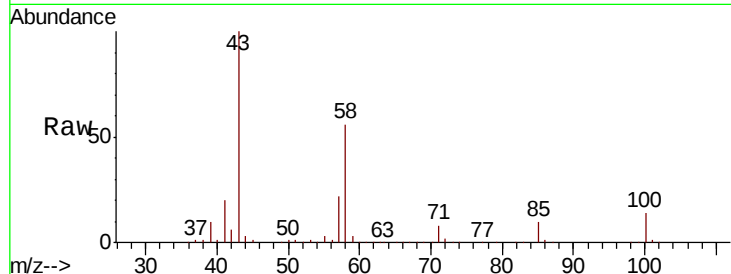
#59
2-Hexanone
Concen: 84.174 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.0	46.6	69.8
57	22.1	16.9	25.3

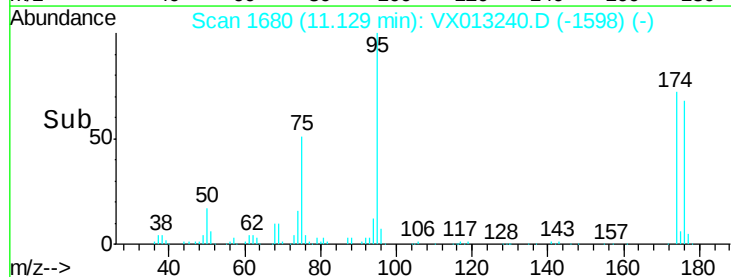
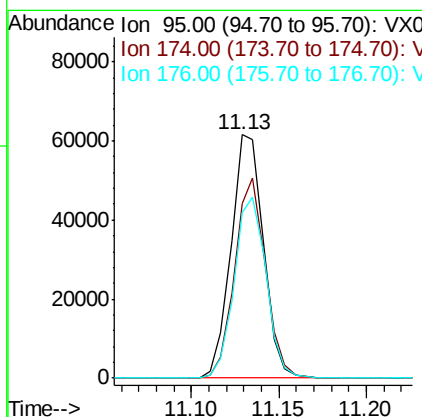
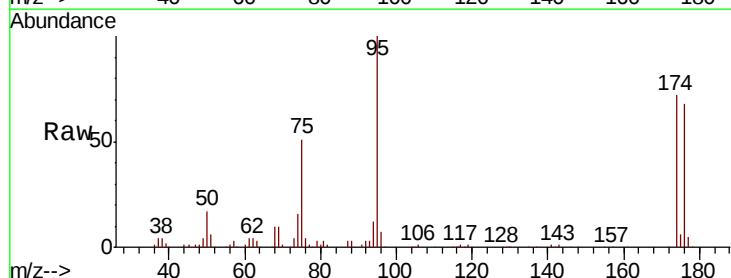
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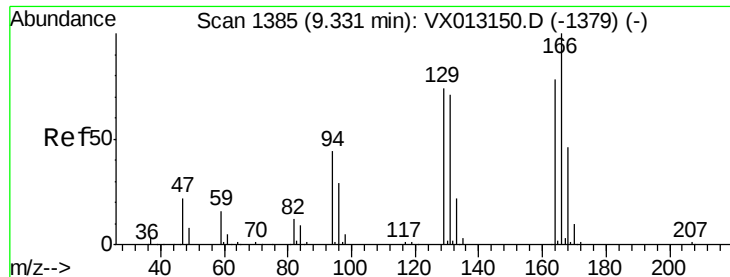
MMDadoda
10/30/2019 12:07:25 PM



#60
4-Bromofluorobenzene
Concen: 30.108 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.3	60.0	90.0
176	73.3	58.5	87.7





#61

Tetrachloroethene

Concen: 19.289 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 38656

Ion Ratio Lower Upper

164 100

166 134.6 102.6 153.8

129 95.6 75.7 113.5

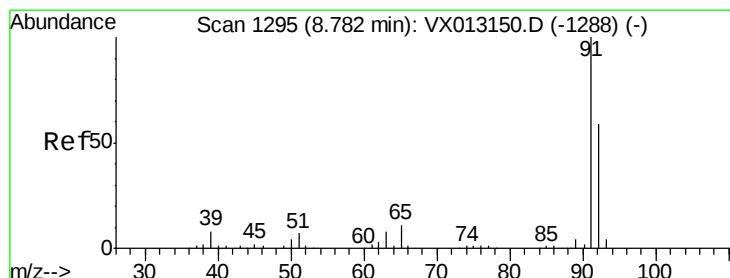
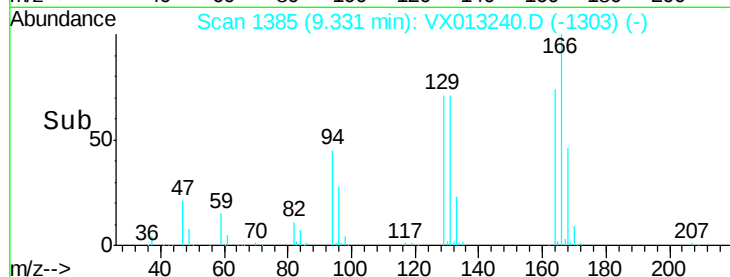
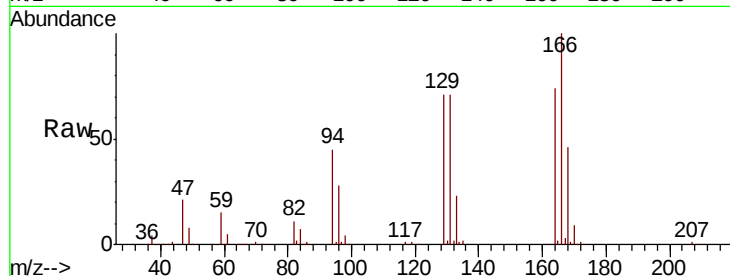
131 95.1 72.4 108.6

Manual Integrations

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#62

Toluene

Concen: 17.757 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013240.D

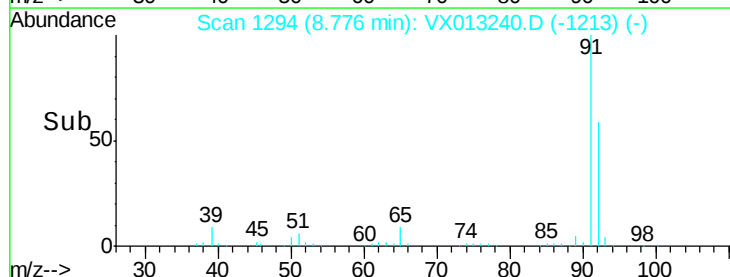
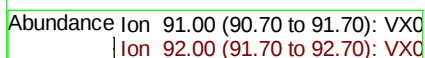
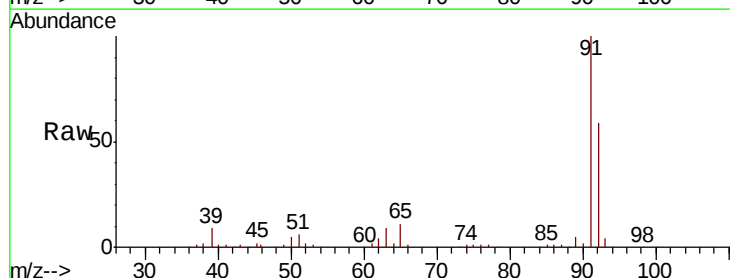
Acq: 28 Oct 2019 11:45

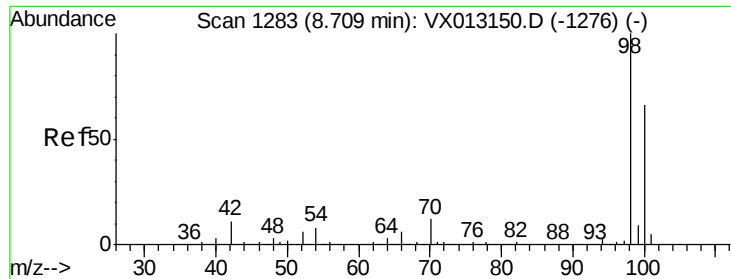
Tgt Ion: 91 Resp: 144905

Ion Ratio Lower Upper

91 100

92 58.8 47.7 71.5





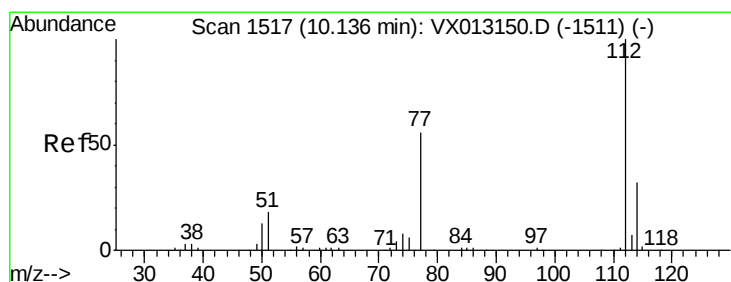
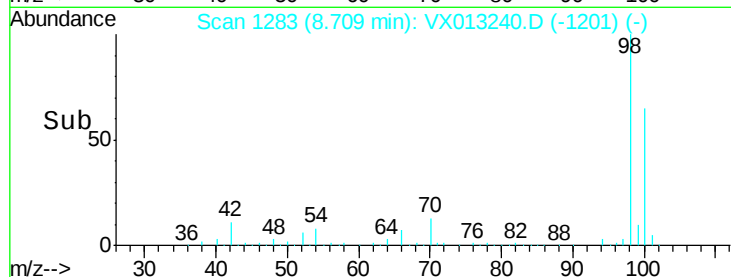
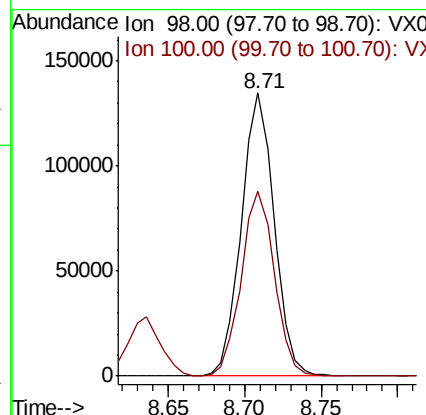
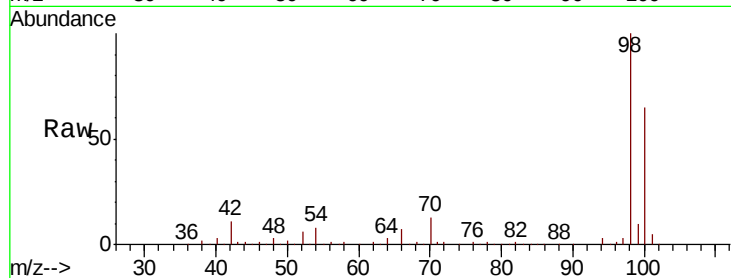
#63
Toluene-d8
Concen: 29.849 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 200691
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

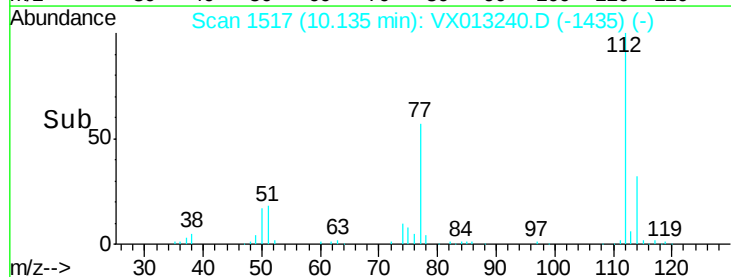
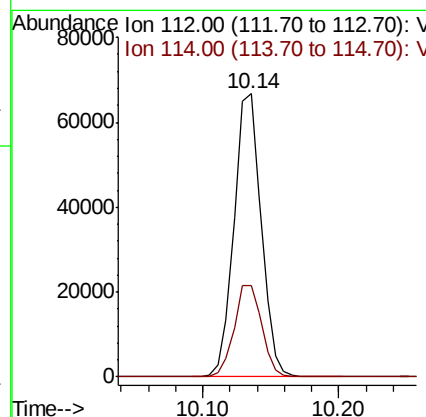
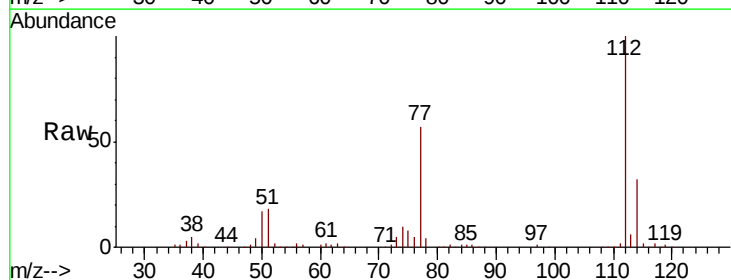
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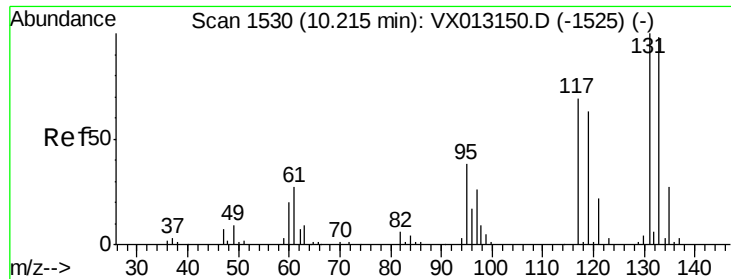
MMDadoda
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#64
Chlorobenzene
Concen: 17.771 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion: 112 Resp: 92986
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.559 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

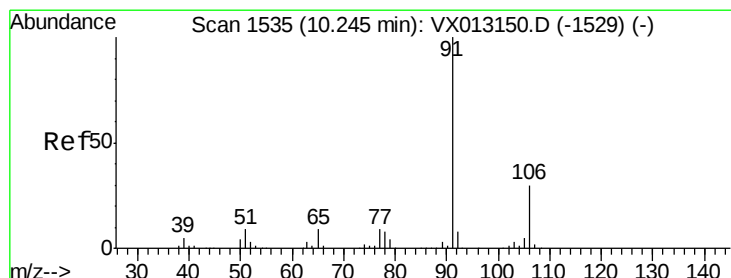
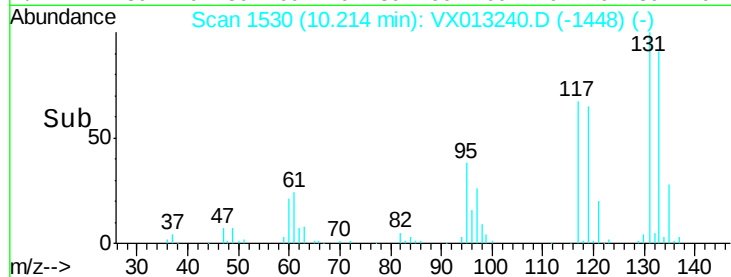
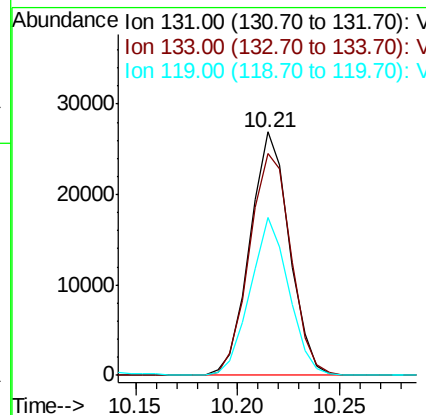
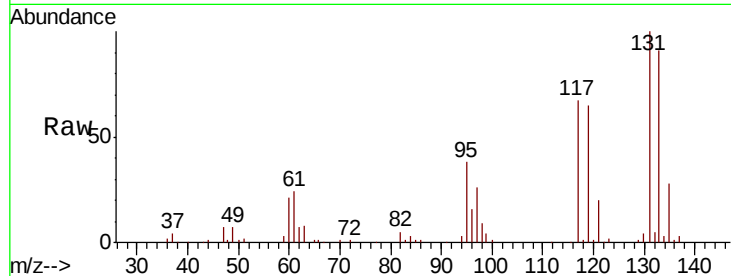
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	36377
Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	191.0
119	62.9	0.0	125.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.950 ug/l

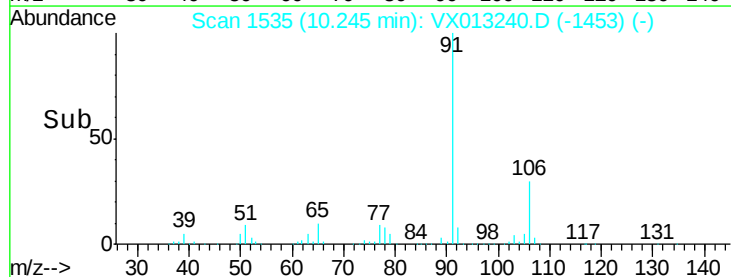
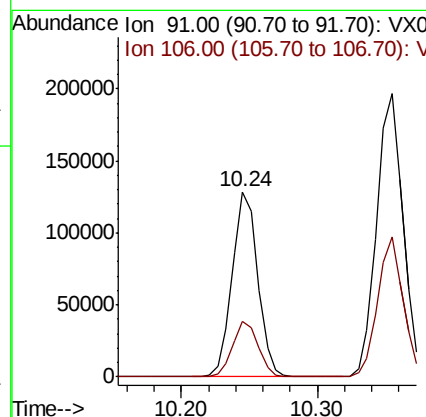
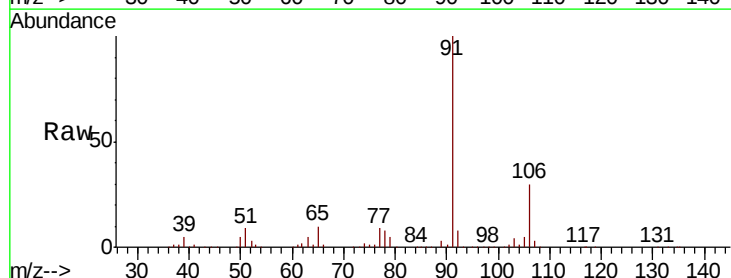
RT: 10.24 min Scan# 1535

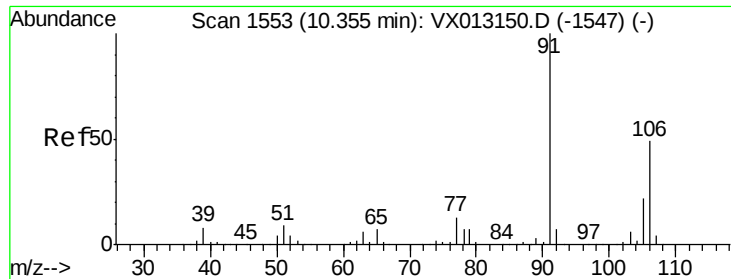
Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	91	Resp:	168597
Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.8	35.6





#67

m/p-Xylenes

Concen: 35.450 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 126545

Ion Ratio Lower Upper

106 100

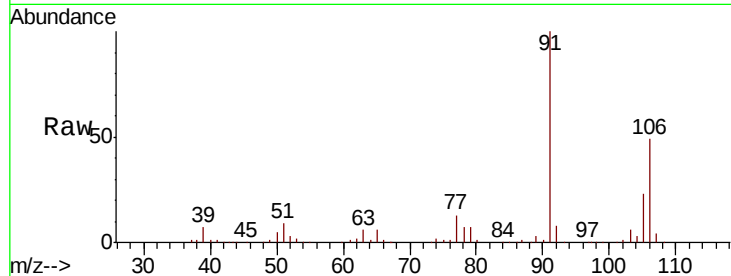
91 209.8 163.7 245.5

Manual Integrations

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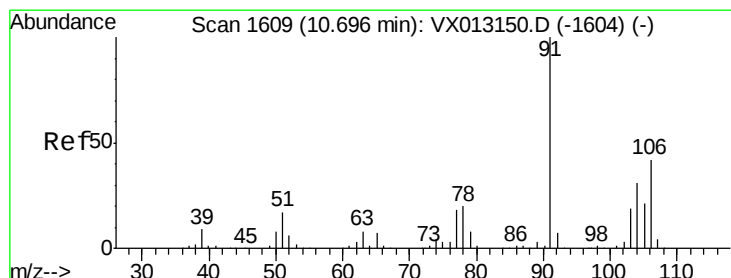
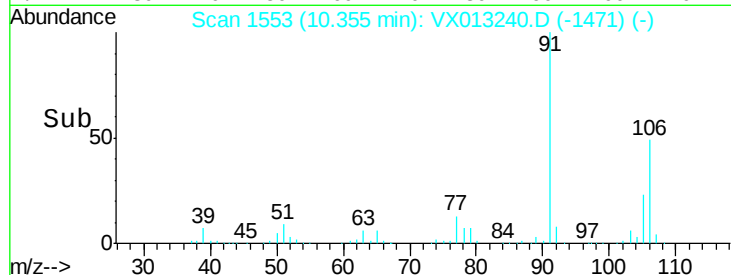
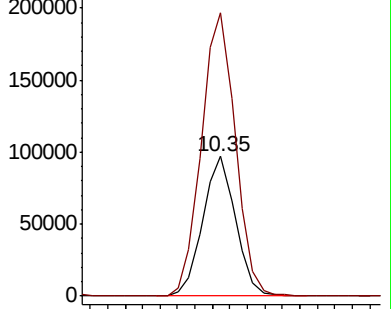
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.981 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013240.D

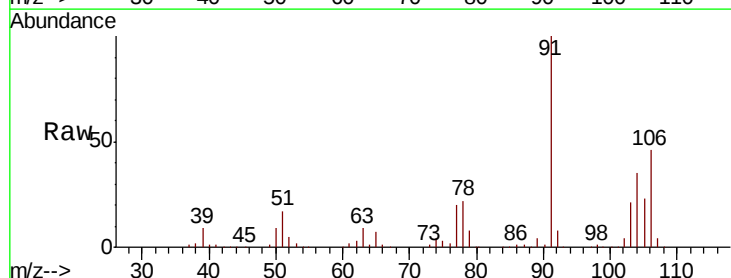
Acq: 28 Oct 2019 11:45

Tgt Ion:106 Resp: 61272

Ion Ratio Lower Upper

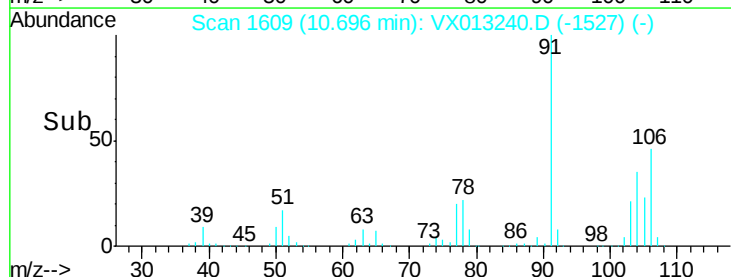
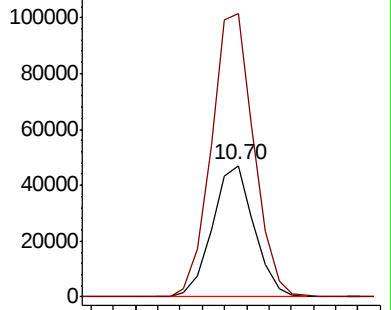
106 100

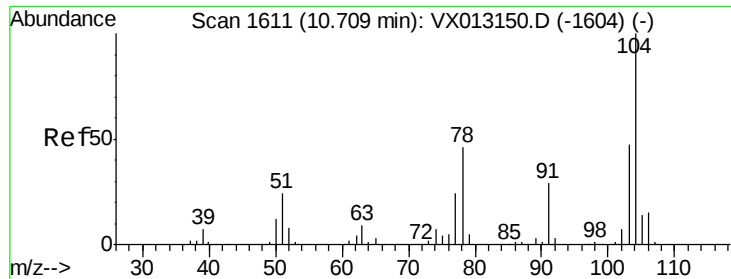
91 220.0 113.6 340.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





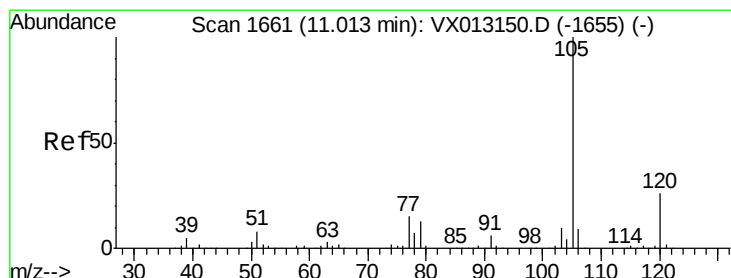
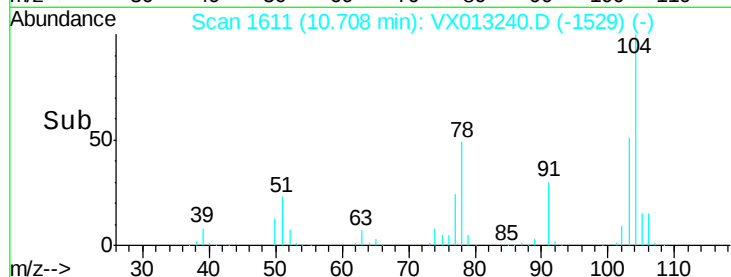
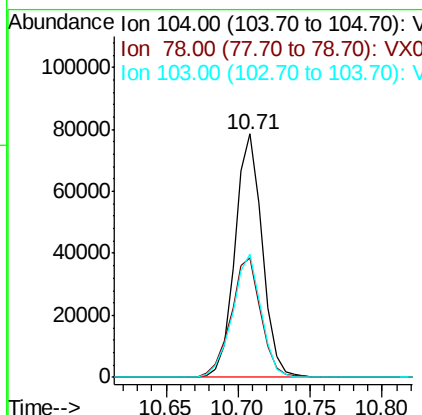
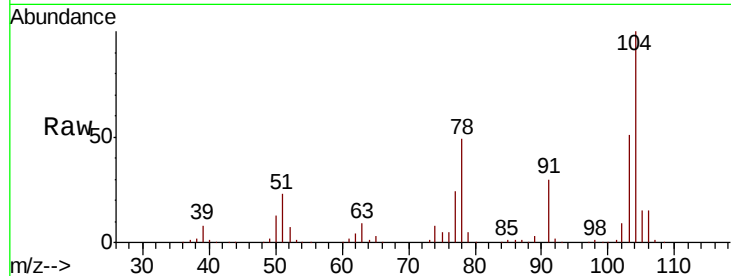
#69
Stvrene
Concen: 17.681 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.3	42.3	63.5
103	53.6	42.2	63.2

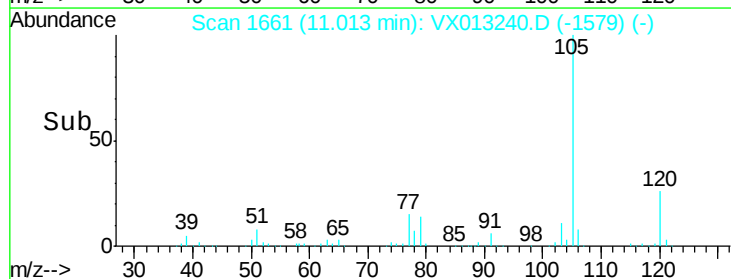
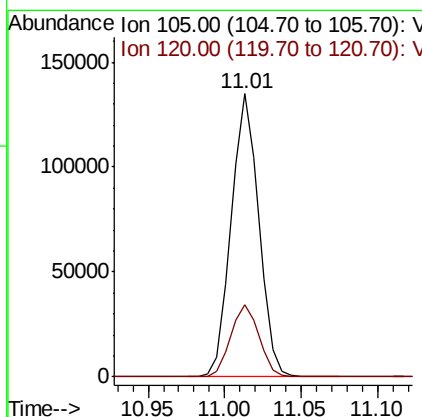
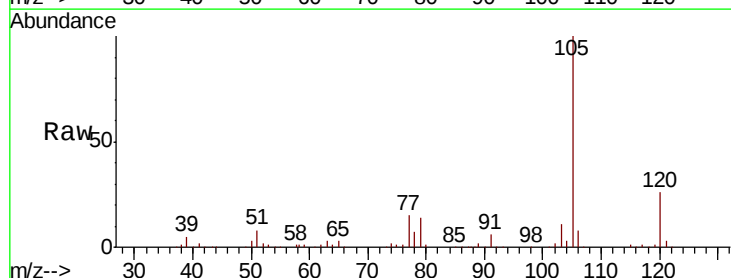
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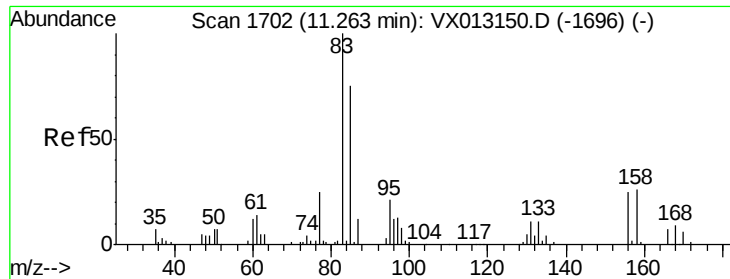
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#70
Isopropylbenzene
Concen: 17.987 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.1	33.7





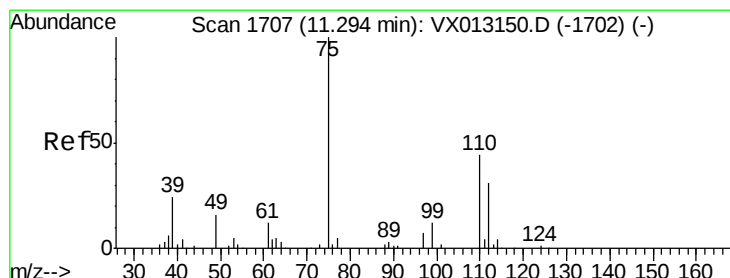
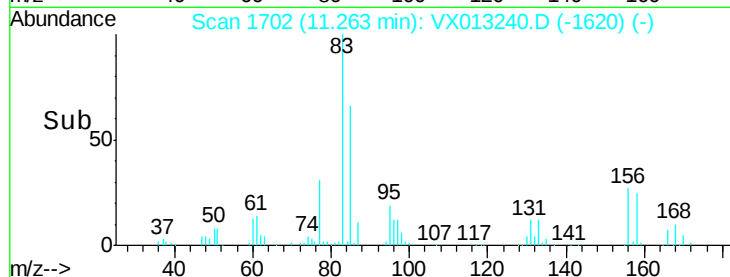
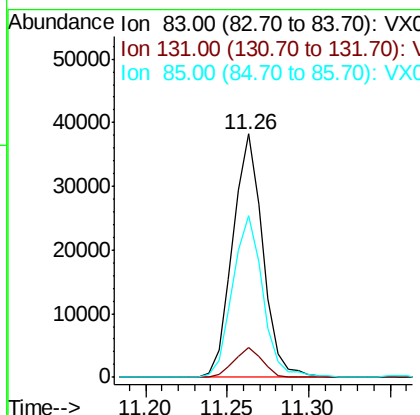
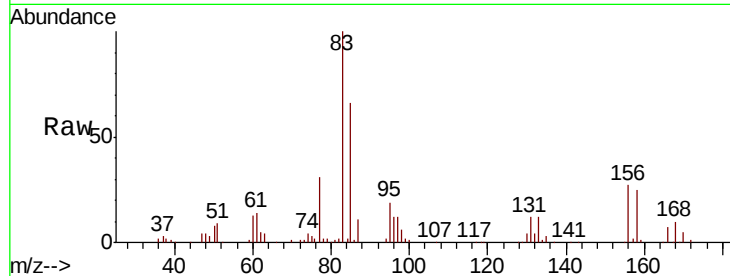
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.132 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	49089
Ion Ratio	100	Lower	Upper
83	100		
131	11.7	5.5	16.4
85	67.2	32.9	98.6

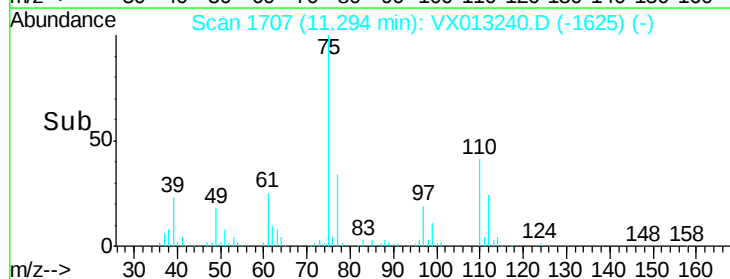
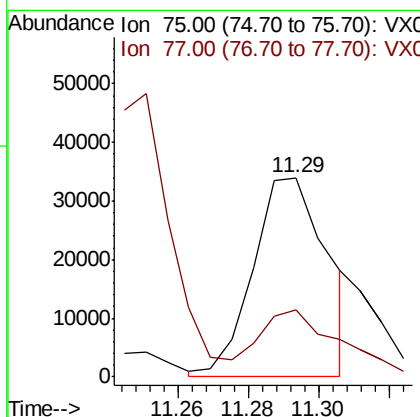
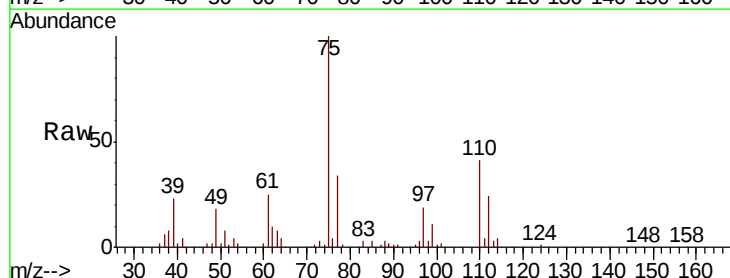
Manual Integrations
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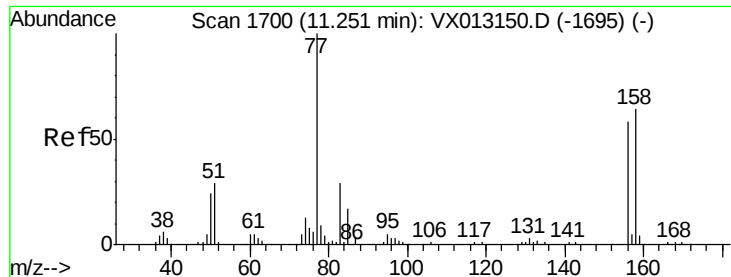
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#72
 1,2,3-Trichloropropane
 Concen: 19.961 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	75	Resp	49676
Ion Ratio	100	Lower	Upper
75	100		
77	36.9	0.0	74.0





#73

Bromobenzene

Concen: 17.577 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

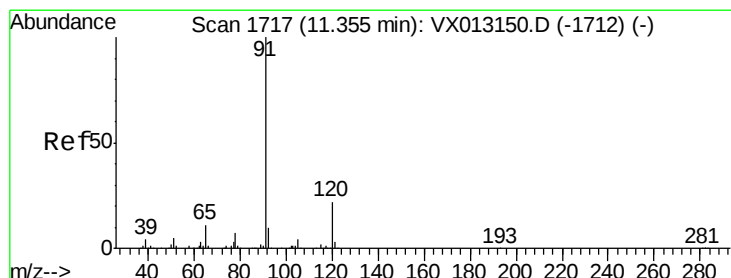
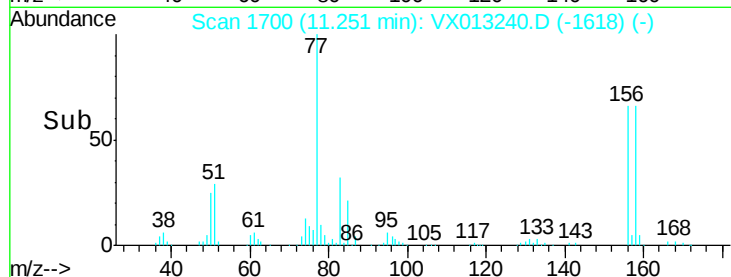
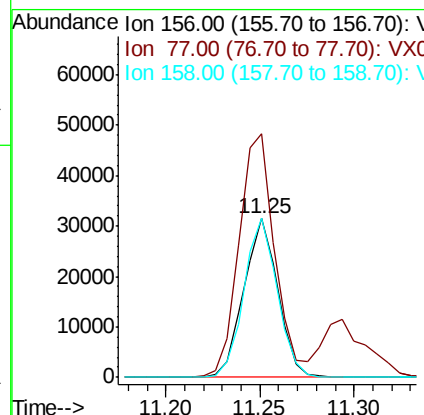
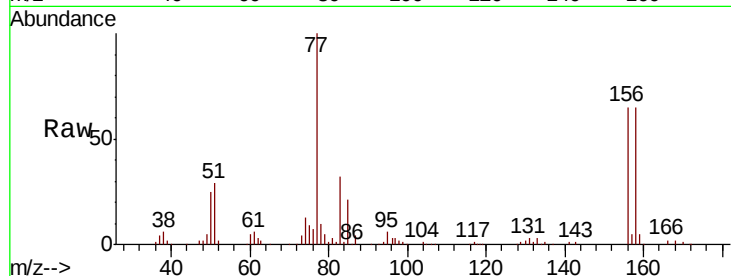
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.8	0.0	328.0
158	98.1	0.0	196.2

Manual Integrations
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#74

n-propylbenzene

Concen: 17.460 ug/l

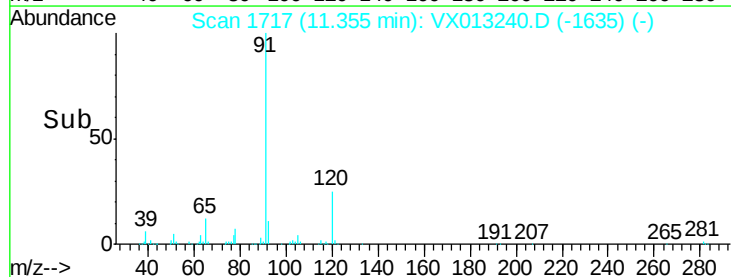
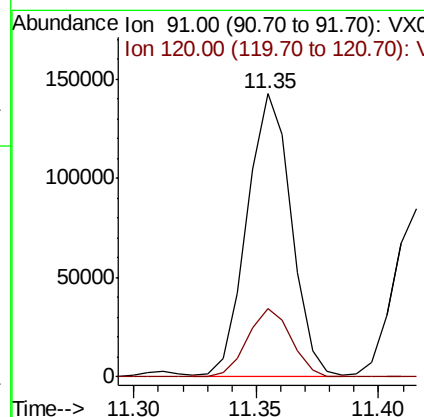
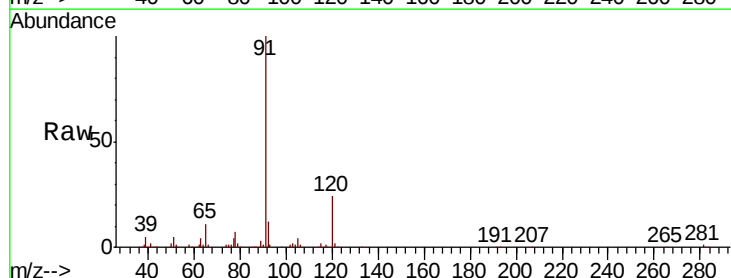
RT: 11.35 min Scan# 1717

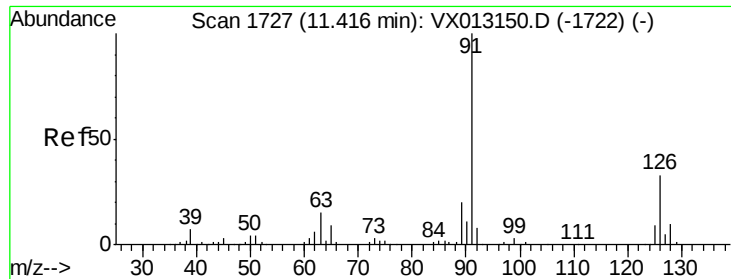
Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	0.0	45.2





#75

2-Chlorotoluene

Concen: 17.023 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 109323

Ion Ratio Lower Upper

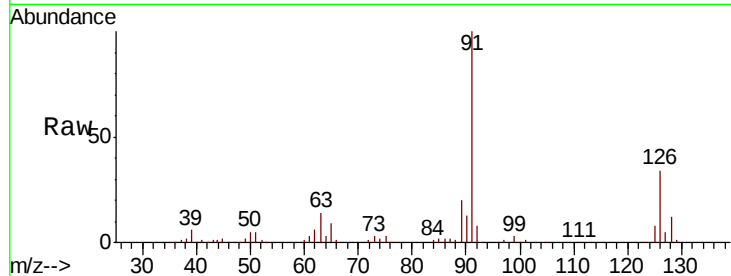
91 100

126 31.8 0.0 63.8

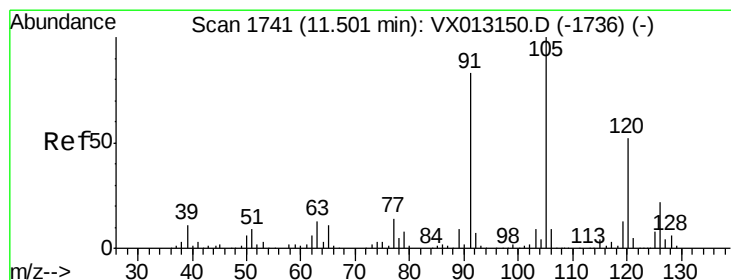
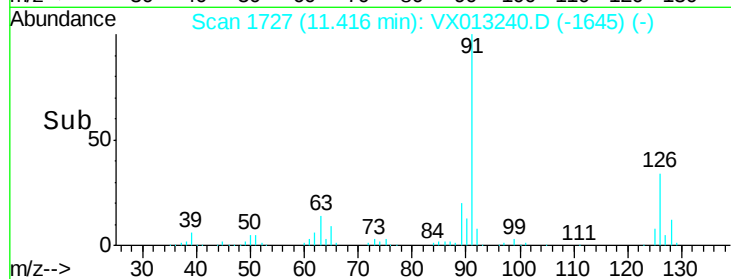
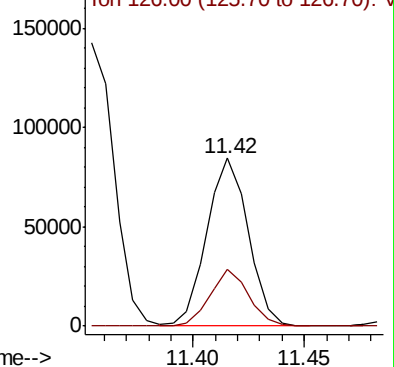
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Abundance Ion 91.00 (90.70 to 91.70): VX013150.D (-1722) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.552 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013240.D

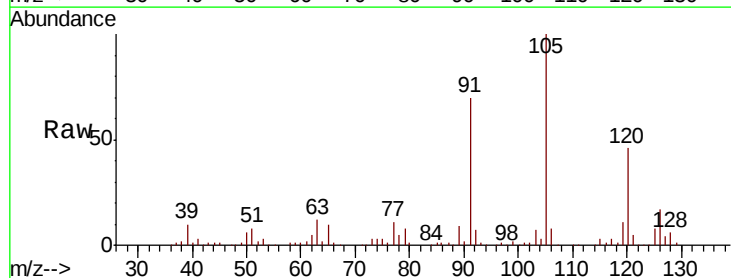
Acq: 28 Oct 2019 11:45

Tgt Ion: 105 Resp: 137776

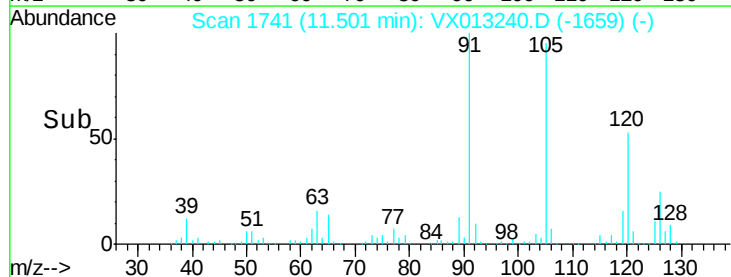
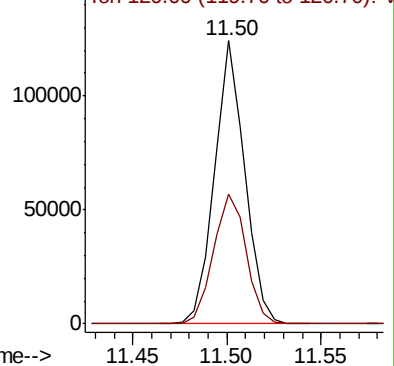
Ion Ratio Lower Upper

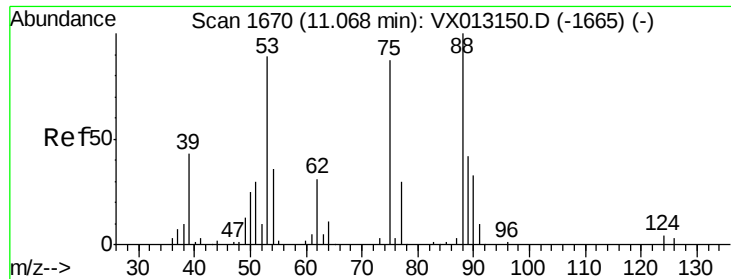
105 100

120 49.8 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX013150.D (-1736) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.561 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

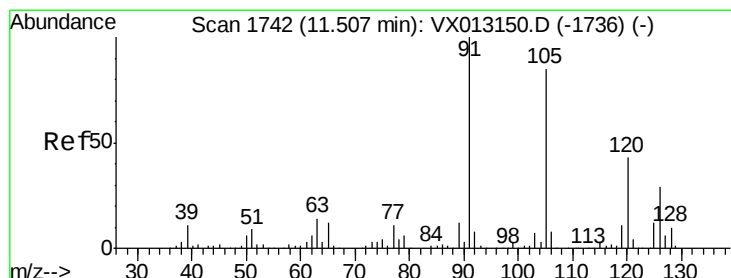
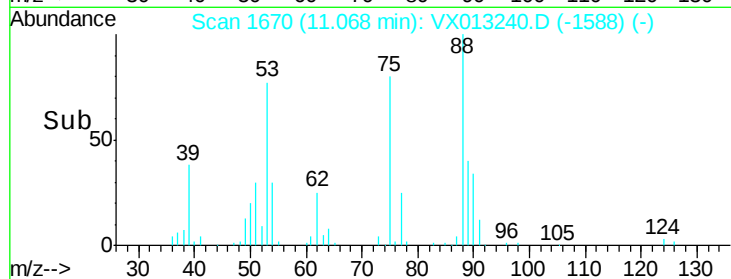
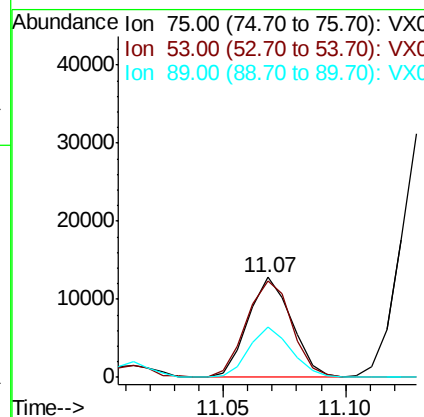
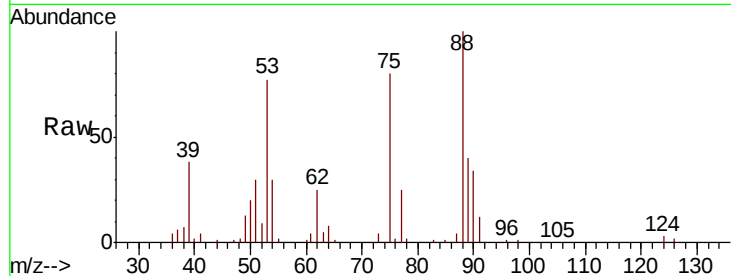
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	16002
Ion	Ratio	Lower	Upper
75	100		
53	96.2	51.1	153.4
89	50.6	24.1	72.4

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#78

4-Chlorotoluene

Concen: 17.692 ug/l

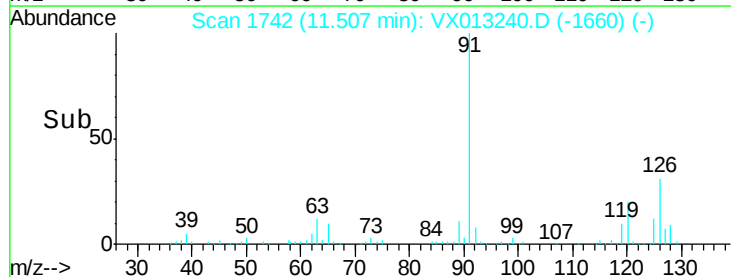
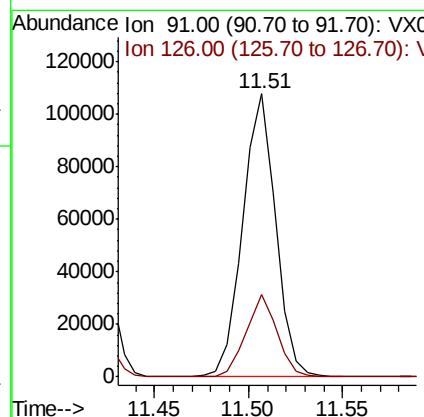
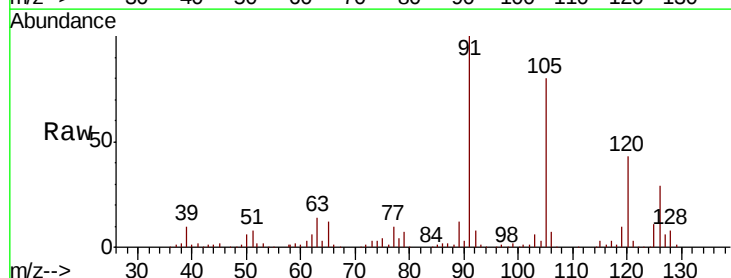
RT: 11.51 min Scan# 1742

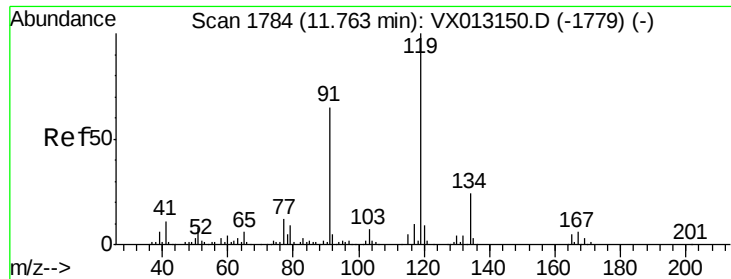
Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	91	Resp:	129825
Ion	Ratio	Lower	Upper
91	100		
126	27.9	0.0	58.4





#79

tert-butylbenzene

Concen: 17.827 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

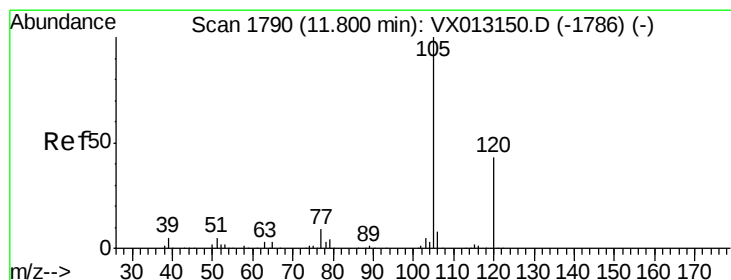
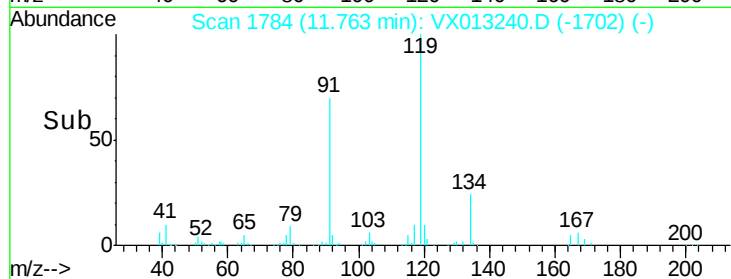
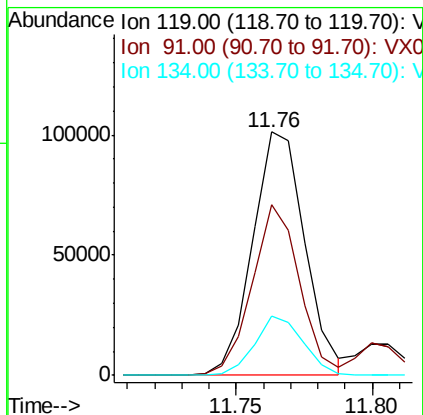
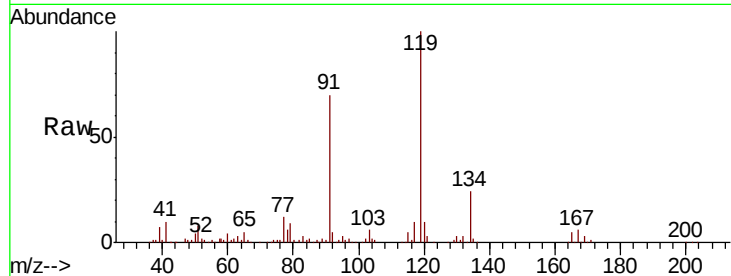
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	134735
Ion Ratio	Lower	Upper	
119	100		
91	63.7	0.0	128.4
134	22.5	0.0	49.0

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#80

1,2,4-Trimethylbenzene

Concen: 18.780 ug/l

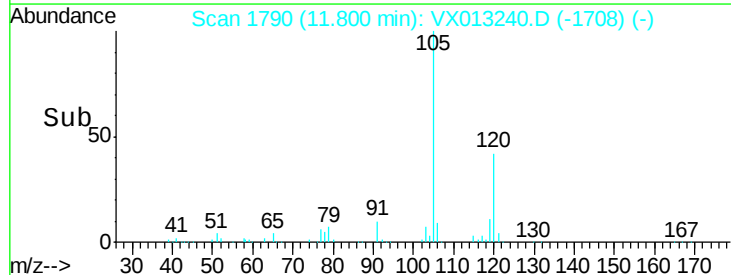
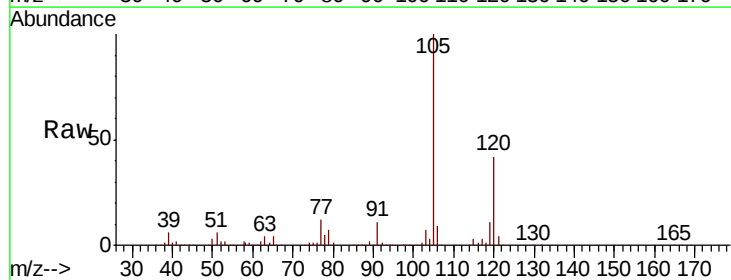
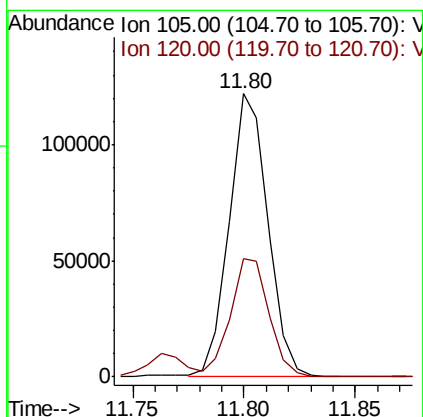
RT: 11.80 min Scan# 1790

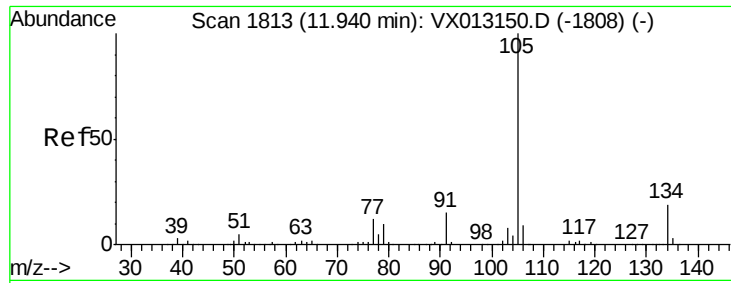
Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Tgt Ion:	105	Resp:	147260
Ion Ratio	Lower	Upper	
105	100		
120	41.7	0.0	87.4





#81

sec-Butylbenzene

Concen: 17.604 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 158505

Ion Ratio Lower Upper

105 100

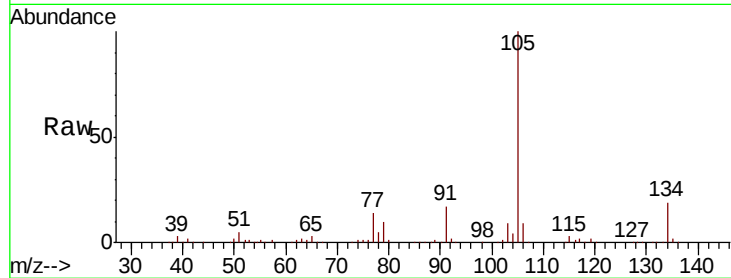
134 20.5 0.0 39.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

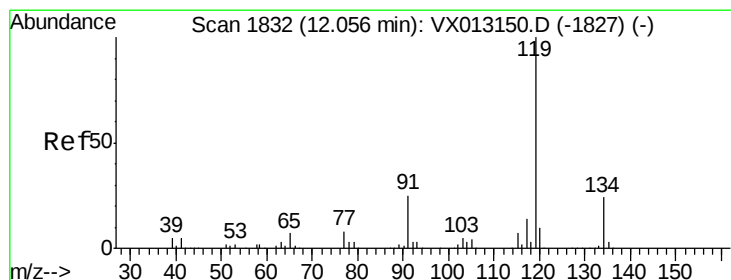
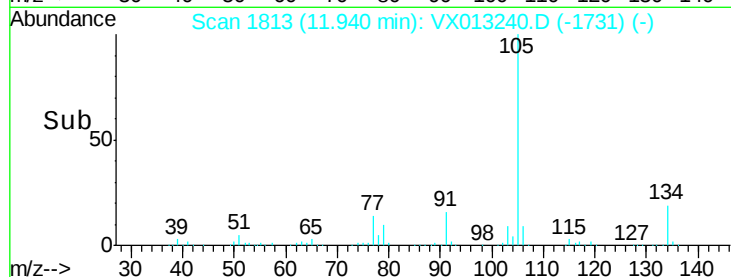
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 17.649 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX013240.D

Acq: 28 Oct 2019 11:45

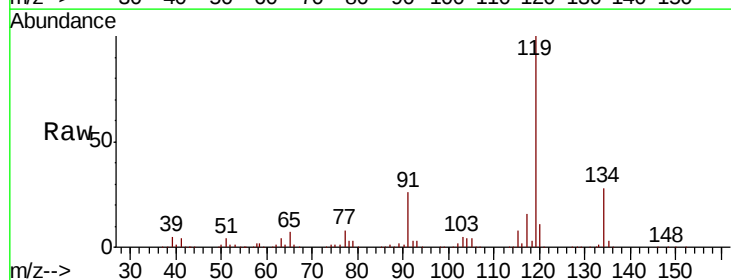
Tgt Ion:119 Resp: 145300

Ion Ratio Lower Upper

119 100

134 26.4 0.0 51.6

91 26.6 0.0 50.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

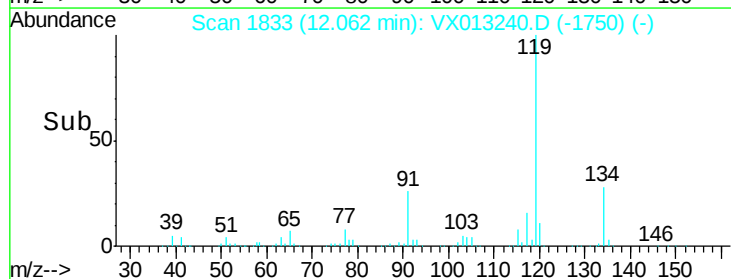
150000

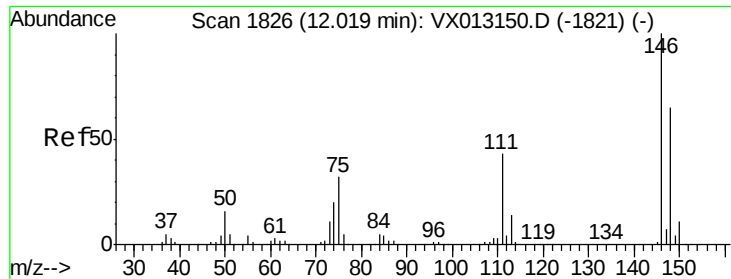
100000

50000

0

Time-->





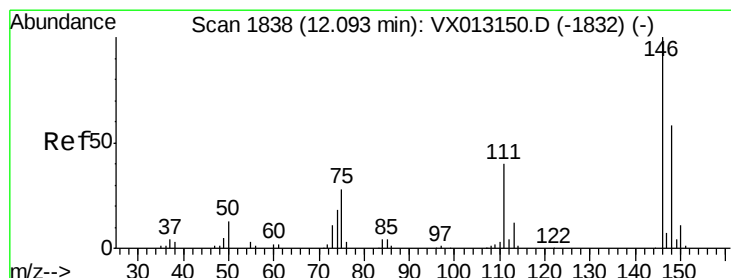
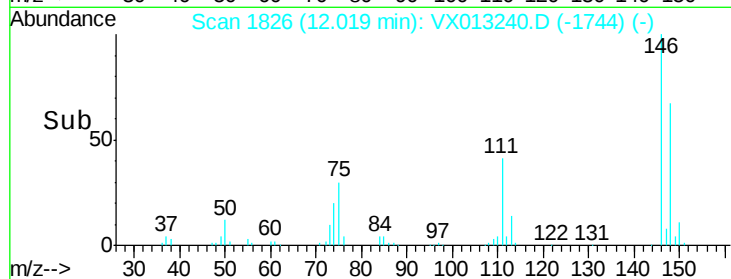
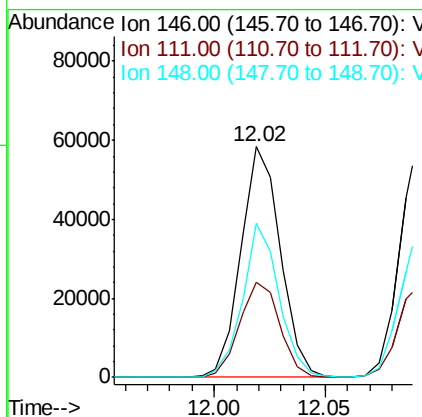
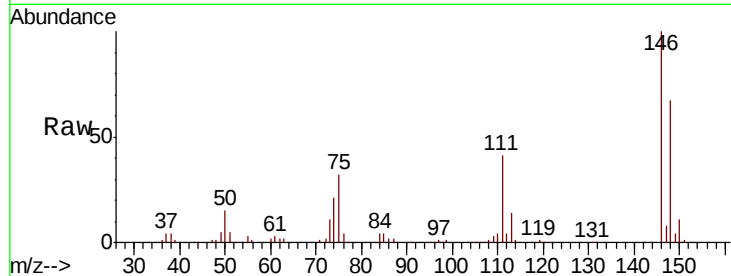
#83
 1,3-Dichlorobenzene
 Concen: 17.615 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.8	65.4
148	61.9	31.2	93.6

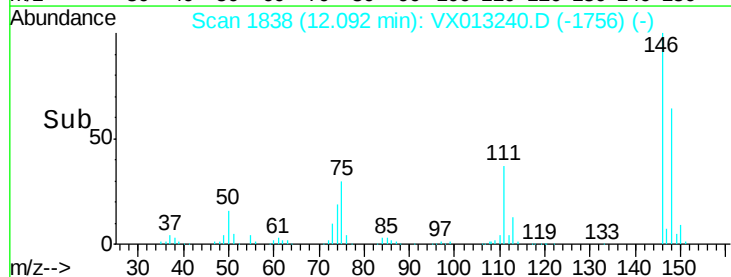
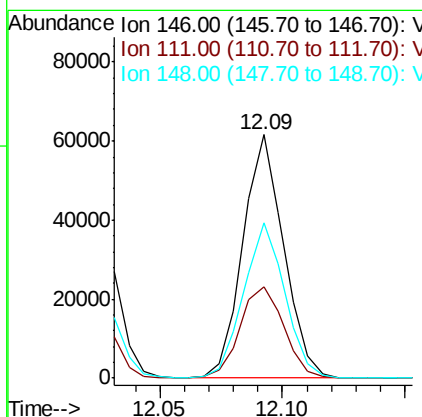
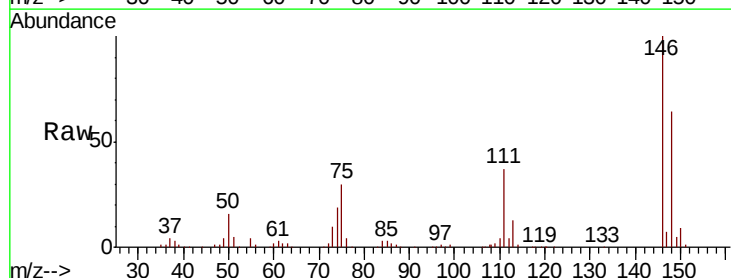
Manual Integrations
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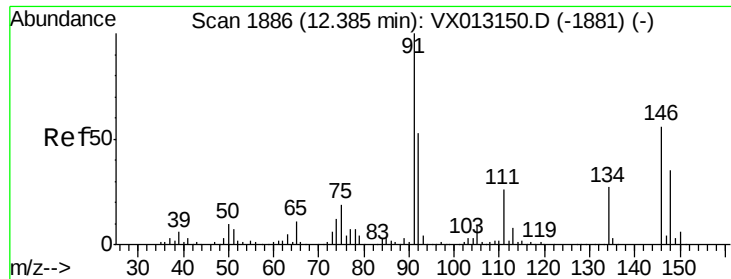
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#84
 1,4-Dichlorobenzene
 Concen: 17.517 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.9
148	65.7	31.4	94.2





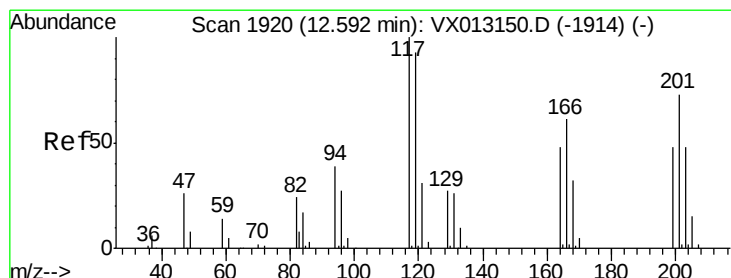
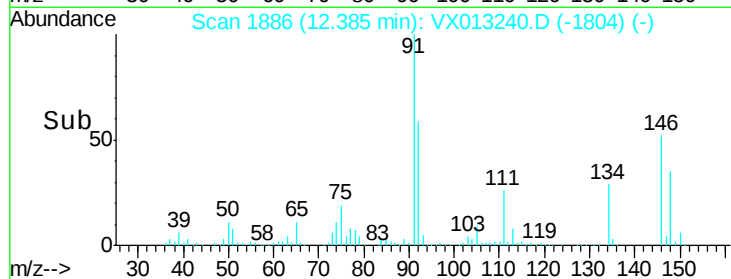
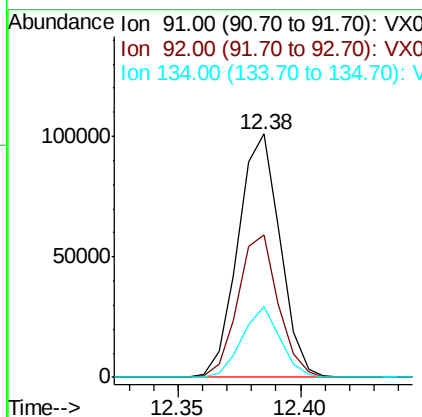
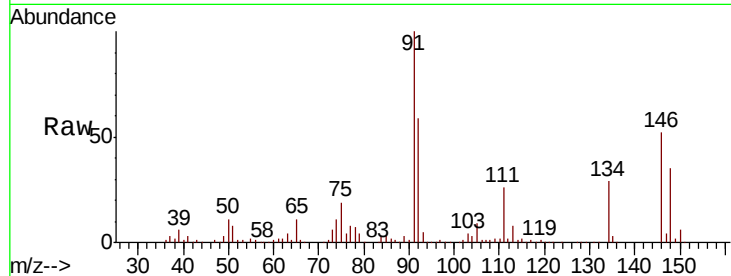
#85
n-Butylbenzene
Concen: 17.216 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	120394		
92	56.6	0.0	106.8	
134	26.8	0.0	52.4	

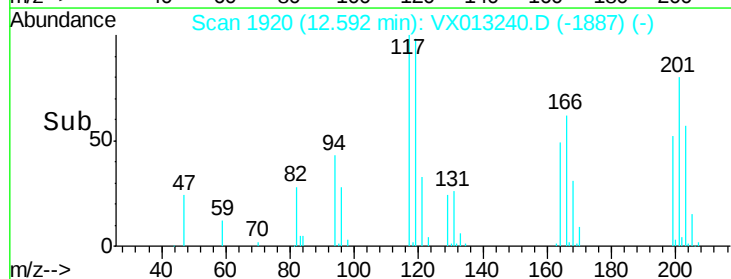
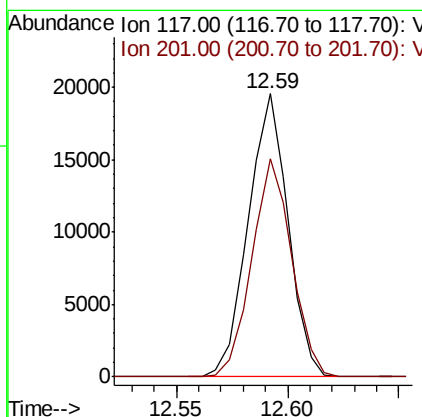
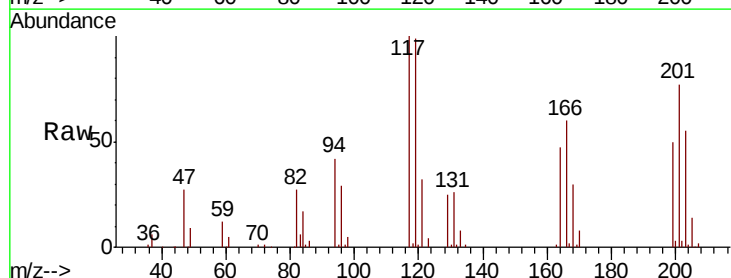
Manual Integrations
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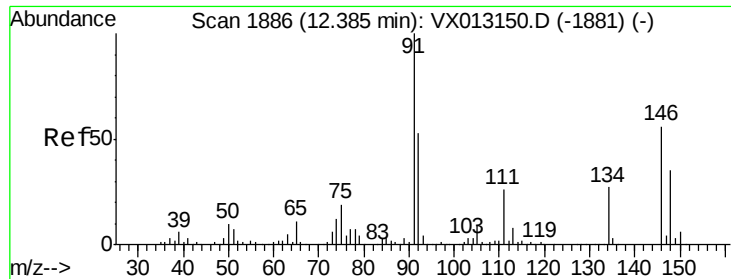
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#86
Hexachloroethane
Concen: 16.929 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	24326		
201	77.3	35.9	107.5	





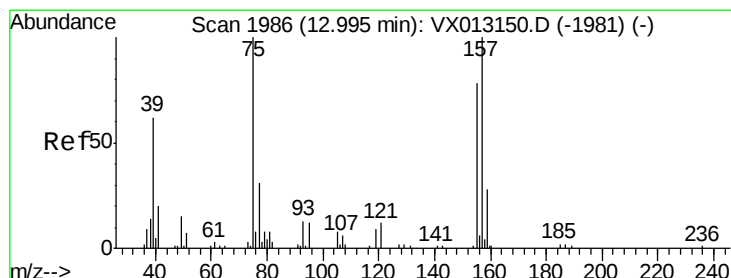
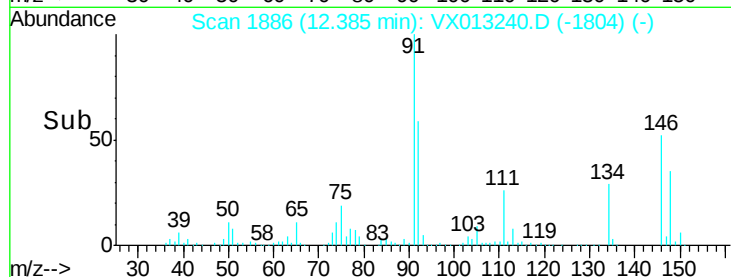
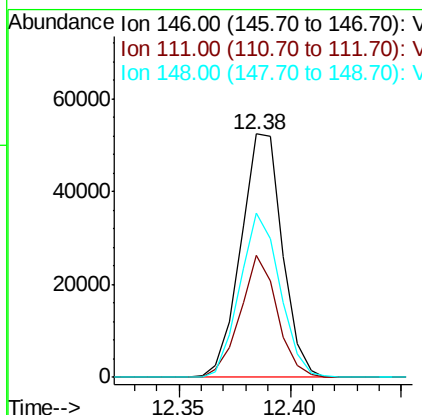
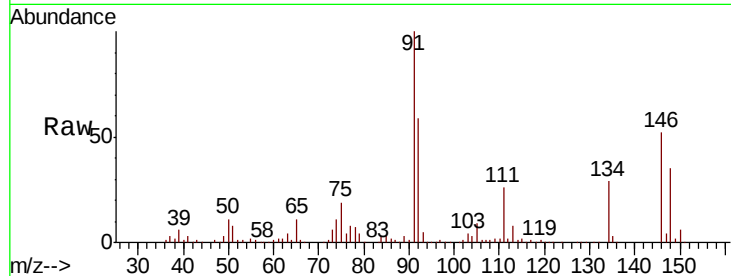
#87
 1,2-Dichlorobenzene
 Concen: 17.172 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.5	67.5
148	65.3	31.4	94.2

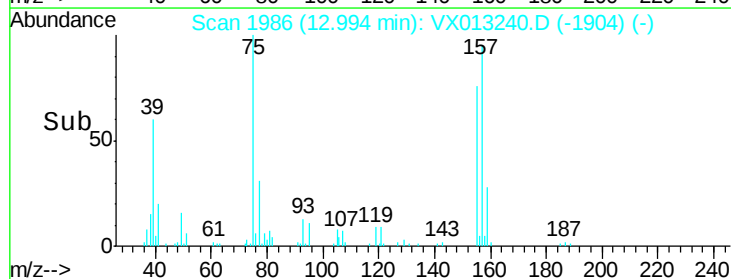
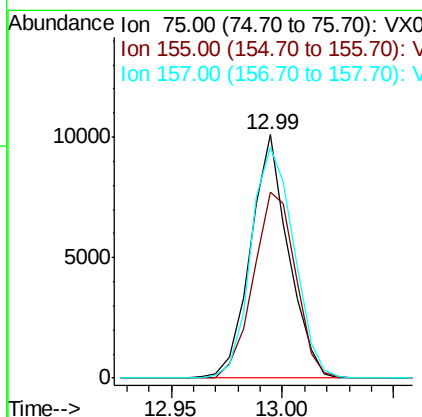
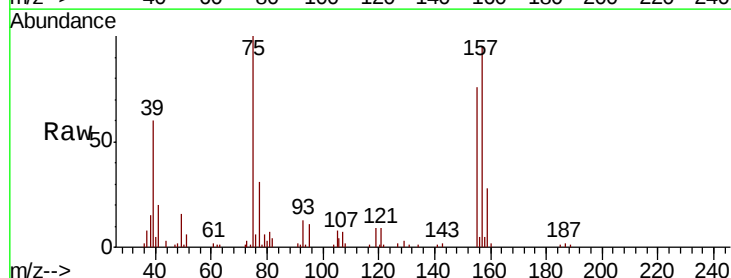
Manual Integrations
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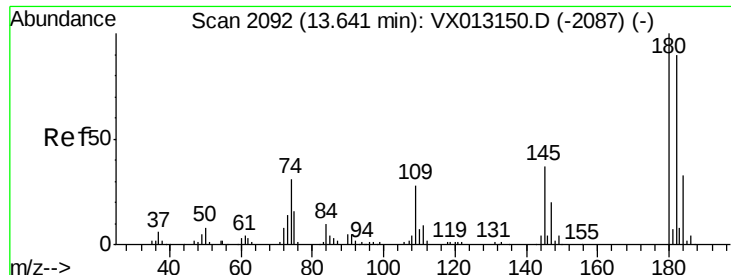
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.002 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	65.4	98.0
157	106.8	84.1	126.1





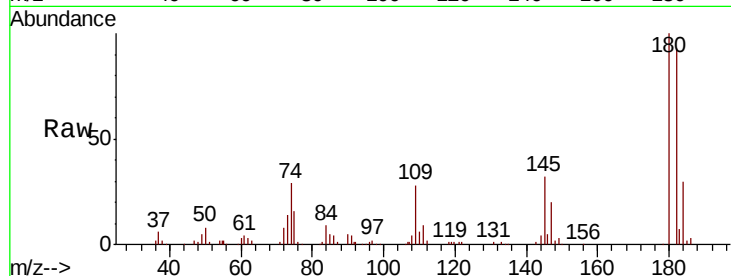
#89
 1,2,4-Trichlorobenzene
 Concen: 17.962 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.7	76.1	114.1
145	31.9	27.4	41.2

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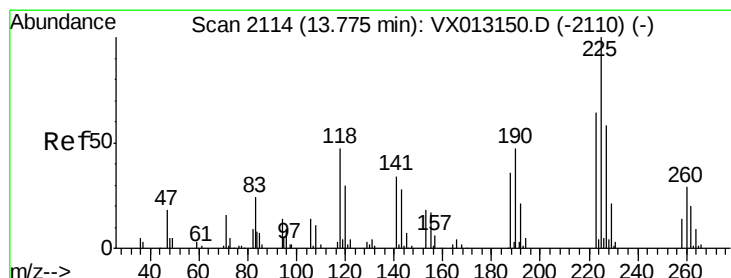
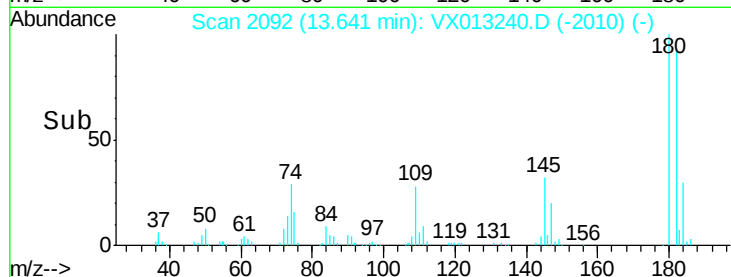
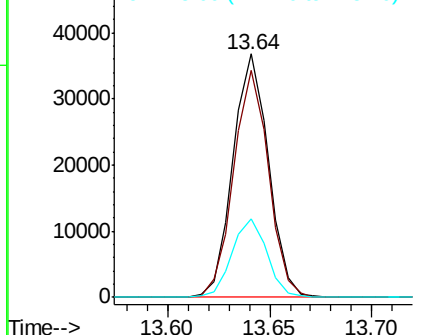


Abundance

Ion 180.00 (179.70 to 180.70): V

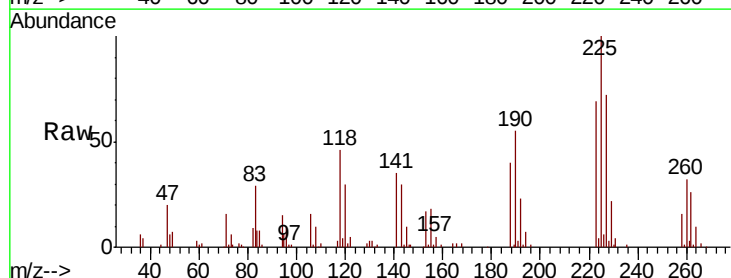
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 18.468 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013240.D
 Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	131.2
227	65.2	0.0	127.0

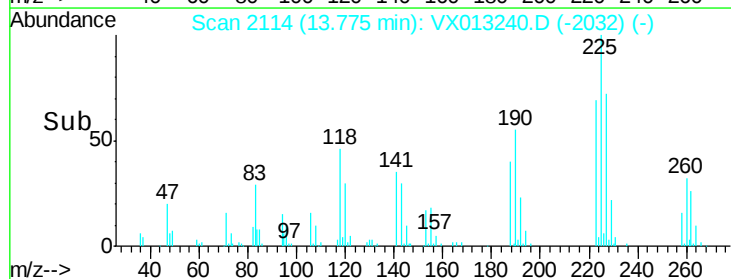
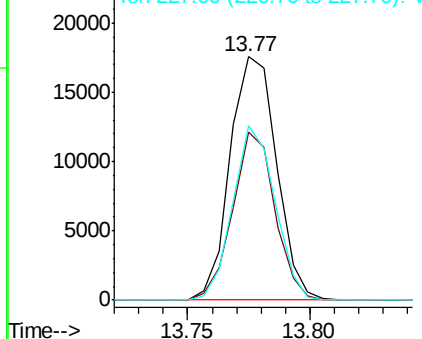


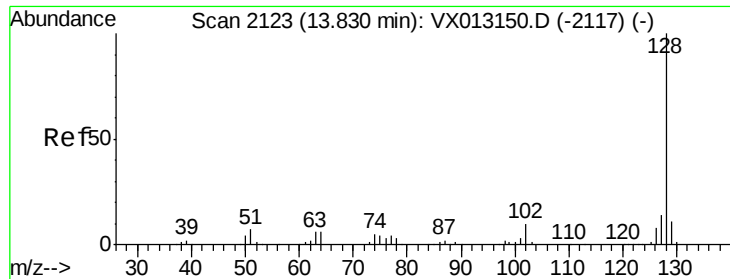
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





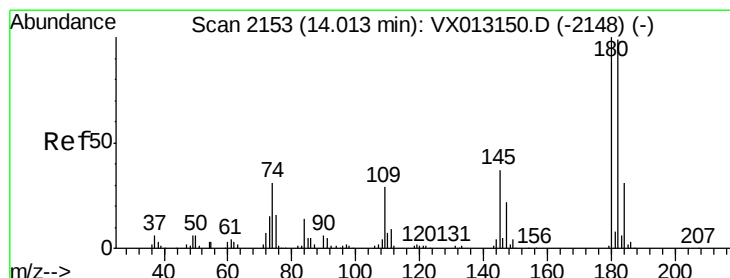
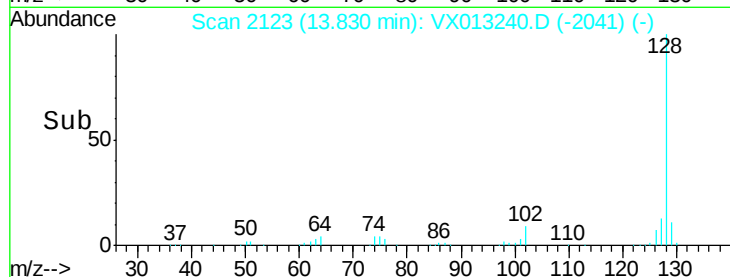
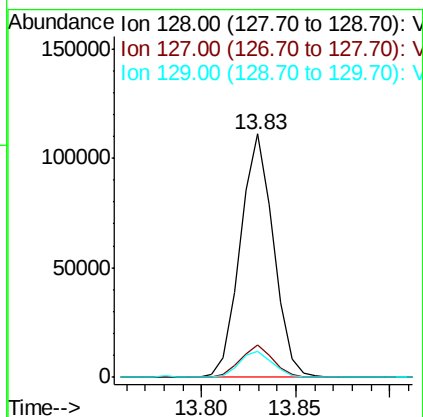
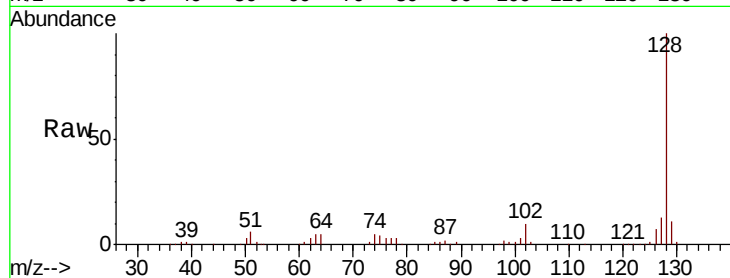
#91
Naphthalene
Concen: 16.821 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 17.506 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013240.D
Acq: 28 Oct 2019 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	0.0	194.4
145	36.7	0.0	71.2

