

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019090.D
 Acq On : 23 Oct 2020 20:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 11:16:07 AM

Quant Time: Oct 26 05:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	43078	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	241871	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	215593	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	88310	30.78	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.60%
60) 4-Bromofluorobenzene	11.12	95	100438	31.04	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.47%
63) Toluene-d8	8.70	98	290254	30.49	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	38315	17.699	ug/l 99
3) Chloromethane	1.31	50	36689	18.756	ug/l 98
4) Vinyl Chloride	1.39	62	46692	18.213	ug/l 97
5) Bromomethane	1.64	94	38427	21.641	ug/l 96
6) Chloroethane	1.72	64	30855	17.760	ug/l 99
7) Trichlorofluoromethane	1.92	101	80073	17.937	ug/l 94
8) Diethyl Ether	2.17	74	30515	18.236	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38124	17.873	ug/l 99
10) 1,1-Dichloroethene	2.36	96	37955	17.503	ug/l 94
11) Methyl Iodide	2.49	142	30829	18.159	ug/l 96
12) Methyl Acetate	2.75	43	40993	19.096	ug/l 99
13) Acrolein	2.27	56	19550	98.905	ug/l 98
14) Acrylonitrile	3.11	53	92856	92.071	ug/l 99
15) Acetone	2.42	58	28378	98.225	ug/l 93
16) Carbon Disulfide	2.55	76	103144	17.112	ug/l 99
17) Allyl chloride	2.71	41	48997	18.088	ug/l 98
18) Methylene Chloride	2.84	84	44643	18.052	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	44977	17.759	ug/l 97
20) Diisopropyl ether	3.82	45	98597	17.968	ug/l # 84
21) 1,1-Dichloroethane	3.67	63	72322	17.951	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	51889	17.687	ug/l 100
23) tert-Butyl Alcohol	3.01	59	46081	94.246	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	123198	17.967	ug/l 99
25) Chloroform	5.18	83	80629	18.062	ug/l 100
26) Cyclohexane	5.55	56	55153	17.617	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	59476	17.431	ug/l 99
30) 2-Butanone	4.64	43	126031	92.715	ug/l 98
31) 2,2-Dichloropropane	4.55	77	62967	16.129	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	71847	17.519	ug/l 99
33) Carbon Tetrachloride	5.75	117	60895	17.110	ug/l 96
34) Benzene	6.11	78	179647	17.893	ug/l 98
35) Methacrylonitrile	5.01	41	25977	17.653	ug/l 95
36) 1,2-Dichloroethane	6.16	62	62299	18.089	ug/l 100
37) Trichloroethene	7.19	130	50080	17.354	ug/l 97
38) Methylcyclohexane	7.44	83	64687	16.913	ug/l 98
39) 1,2-Dichloropropane	7.49	63	42696	18.321	ug/l 95
40) Dibromomethane	7.63	93	32370	17.897	ug/l 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	62438	17.461	ug/l	99
42) Vinyl Acetate	3.78	43	464425	87.807	ug/l	99
43) Ethyl Acetate	4.79	43	49929	17.509	ug/l	99
44) Isopropyl Acetate	6.41	43	82497	17.276	ug/l	100
45) 1,4-Dioxane	7.71	88	18447	367.529	ug/l	99
46) Methyl methacrylate	7.74	41	39577	17.511	ug/l	99
47) n-amyl Acetate	10.88	43	68670	17.928	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	65445	16.349	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	73007	17.138	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	46880	17.895	ug/l	96
51) Ethyl methacrylate	9.16	69	66705	17.451	ug/l	99
52) 1,3-Dichloropropane	9.35	76	77743	18.216	ug/l	98
53) Dibromochloromethane	9.56	129	49105	16.838	ug/l	100
54) 1,2-Dibromoethane	9.65	107	49066	17.236	ug/l	96
55) 2-Chloroethyl vinyl ether	8.29	63	175901	86.107	ug/l	100
56) Bromoform	10.84	173	34342	16.844	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	253955	93.407	ug/l	99
59) 2-Hexanone	9.47	43	190002	93.782	ug/l	99
61) Tetrachloroethene	9.32	164	47170	18.443	ug/l	96
62) Toluene	8.76	91	202013	17.829	ug/l	98
64) Chlorobenzene	10.12	112	125480	17.815	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	45165	17.631	ug/l	100
66) Ethyl Benzene	10.24	91	222250	17.891	ug/l	97
67) m/p-Xylenes	10.34	106	172264	36.361	ug/l	99
68) o-Xylene	10.68	106	81360	18.006	ug/l	98
69) Styrene	10.70	104	136495	17.930	ug/l	99
70) Isopropylbenzene	11.00	105	221105	18.199	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	68888	19.641	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	63323m	20.076	ug/l	
73) Bromobenzene	11.24	156	55011	18.527	ug/l	100
74) n-propylbenzene	11.34	91	252300	18.341	ug/l	99
75) 2-Chlorotoluene	11.40	91	148296	19.058	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	183755	18.639	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	20558	16.412	ug/l	93
78) 4-Chlorotoluene	11.49	91	170454	18.641	ug/l	100
79) tert-butylbenzene	11.76	119	177647	18.299	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	183070	18.681	ug/l	100
81) sec-Butylbenzene	11.93	105	212559	18.504	ug/l	99
82) p-Isopropyltoluene	12.05	119	193735	18.300	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	99815	18.809	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	100872	18.721	ug/l	99
85) n-Butylbenzene	12.37	91	172971	18.248	ug/l	100
86) Hexachloroethane	12.58	117	28287	17.396	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	98361	19.361	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	14973	18.862	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	65199	17.833	ug/l	98
90) Hexachlorobutadiene	13.76	225	26426	17.047	ug/l	99
91) Naphthalene	13.82	128	216790	18.113	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	64263	18.272	ug/l	98

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ClientSampleId :
VSTDCCC020EC

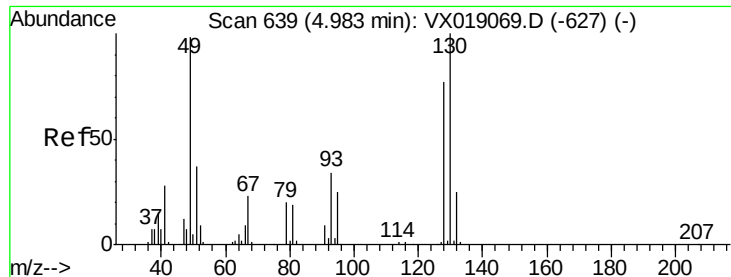
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Mon Oct 26 03:21:29 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 43078

Ion Ratio Lower Upper

128 100

49 129.3 0.0 318.8

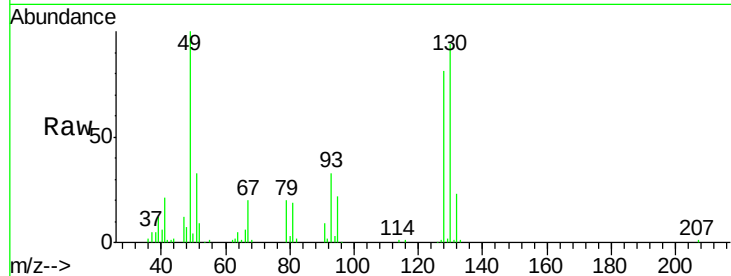
130 127.7 0.0 321.8

Manual Integrations

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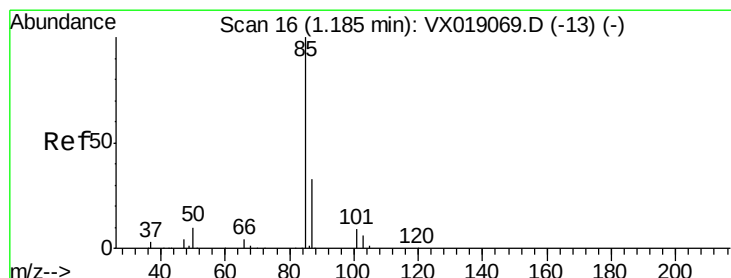
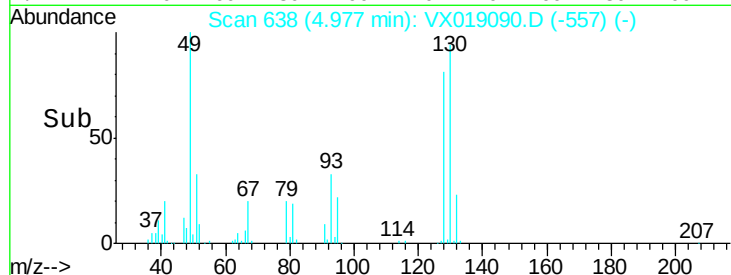
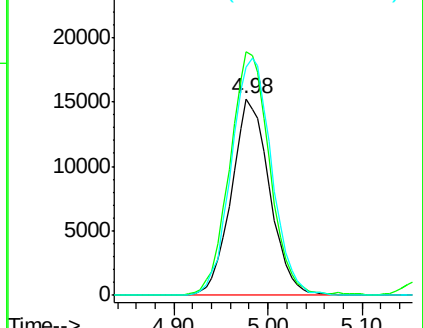
10/26/2020 11:16:07 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.699 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019090.D

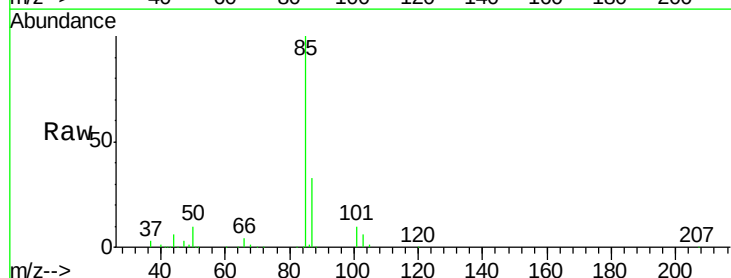
Acq: 23 Oct 2020 20:37

Tgt Ion: 85 Resp: 38315

Ion Ratio Lower Upper

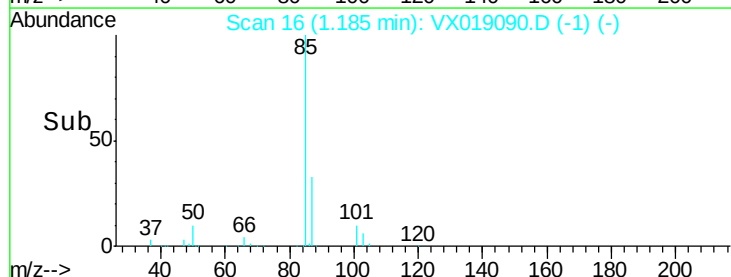
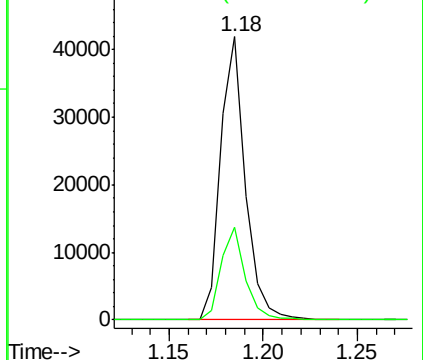
85 100

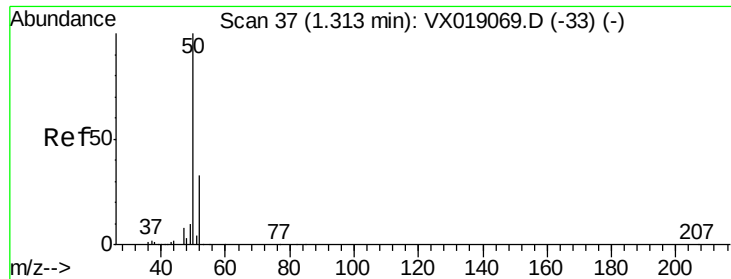
87 32.8 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.756 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 36689

Ion Ratio Lower Upper

50 100

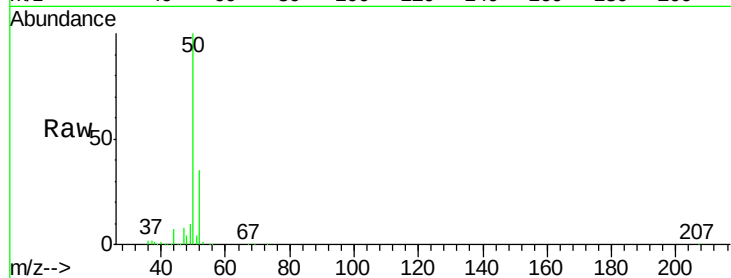
52 34.5 26.7 40.1

Manual Integrations

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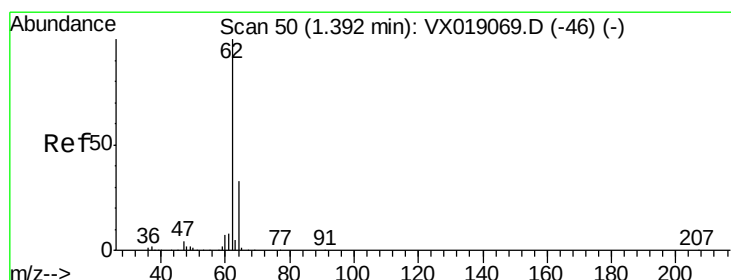
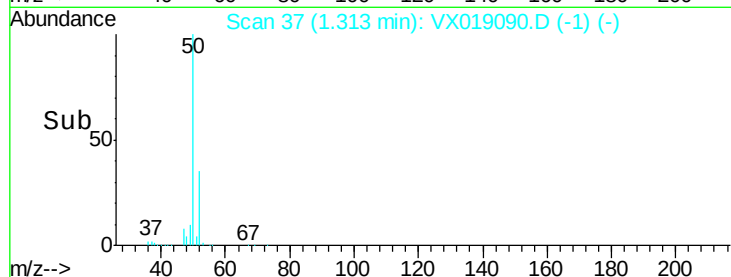
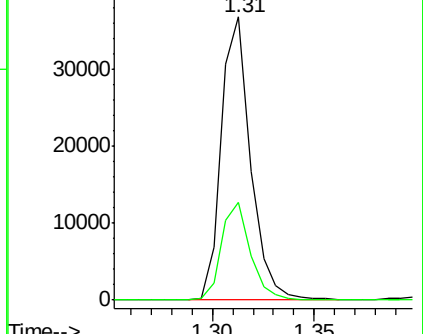
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.213 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019090.D

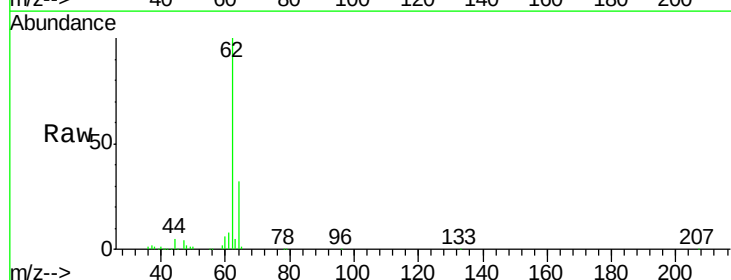
Acq: 23 Oct 2020 20:37

Tgt Ion: 62 Resp: 46692

Ion Ratio Lower Upper

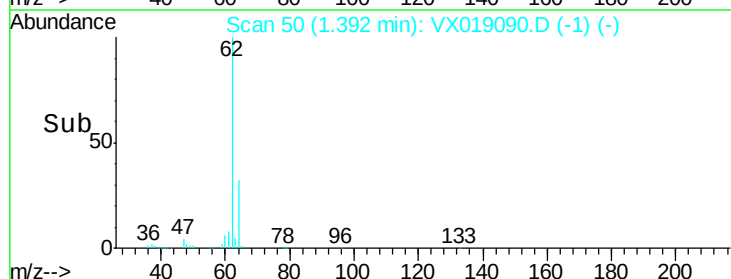
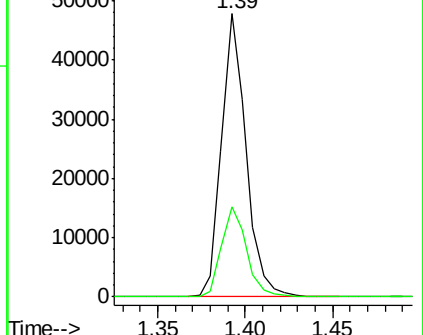
62 100

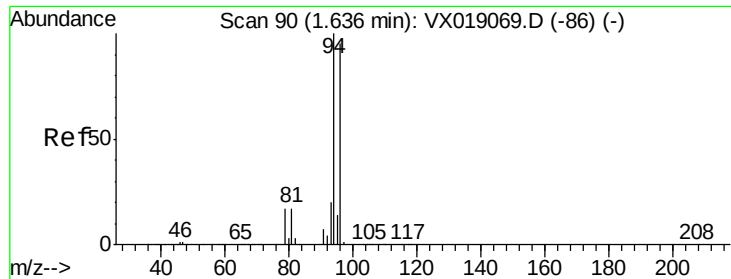
64 31.8 26.7 40.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 21.641 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 38427

Ion Ratio Lower Upper

94 100

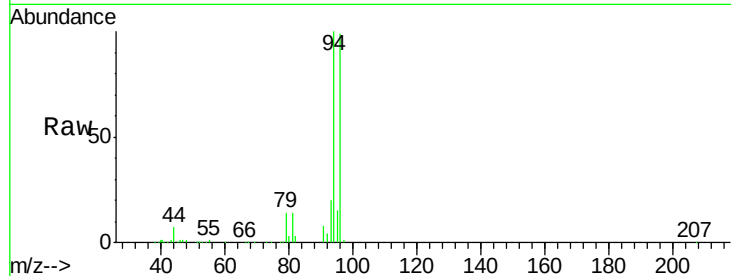
96 98.7 76.2 114.2

Manual Integrations

APPROVED

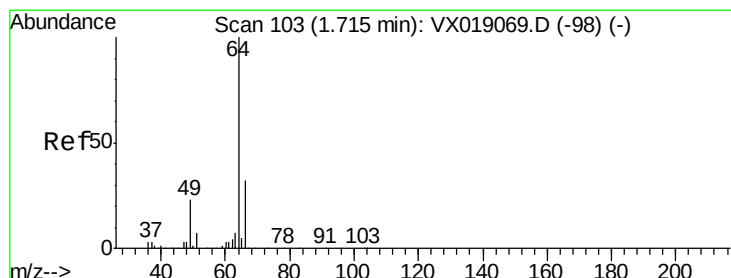
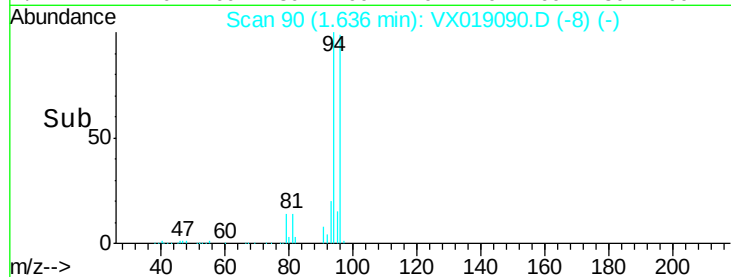
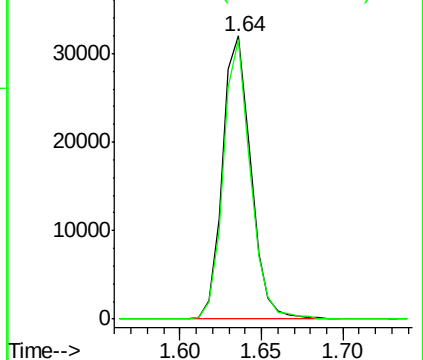
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.760 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019090.D

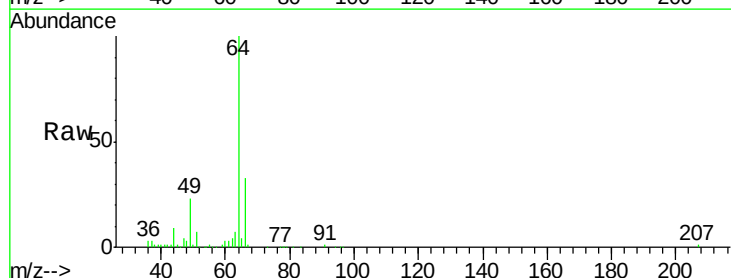
Acq: 23 Oct 2020 20:37

Tgt Ion: 64 Resp: 30855

Ion Ratio Lower Upper

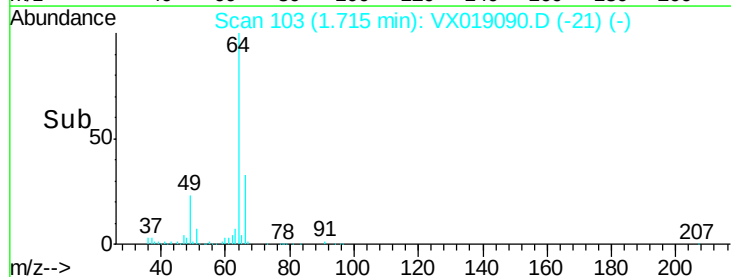
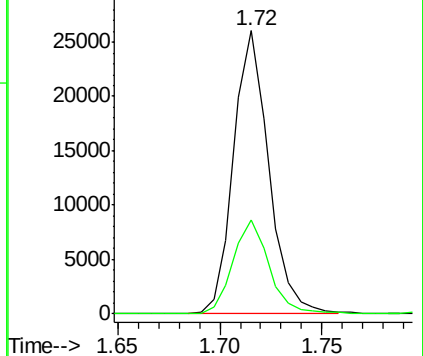
64 100

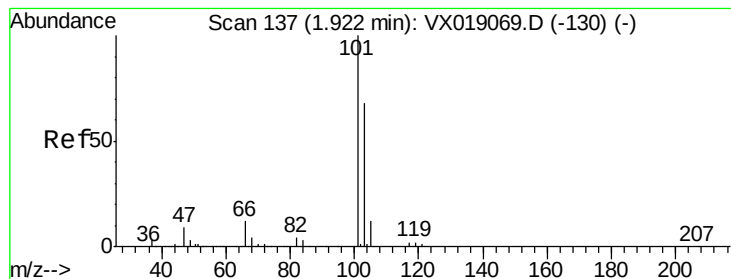
66 33.2 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

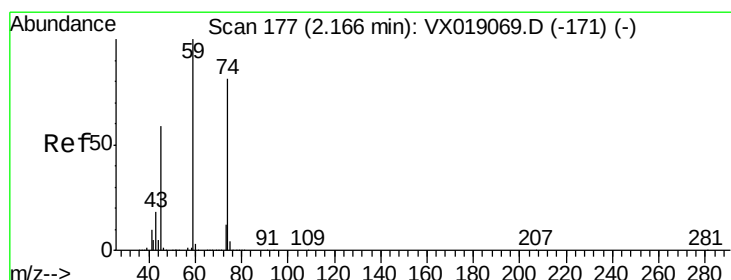
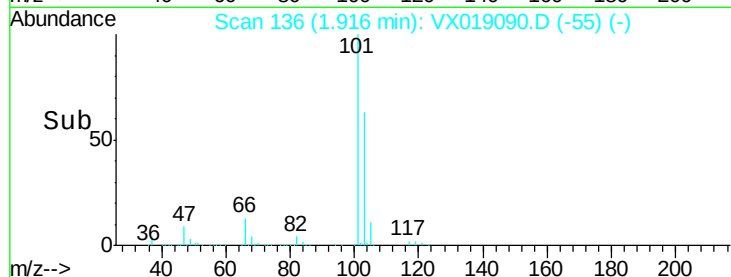
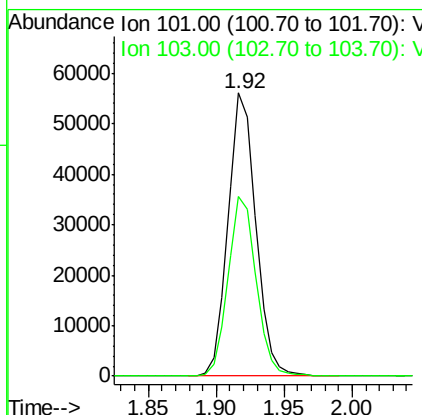
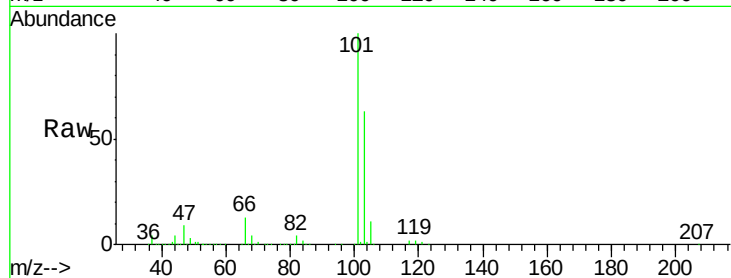
Trichlorofluoromethane
Concen: 17.937 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	54.2	81.4

Manual Integrations
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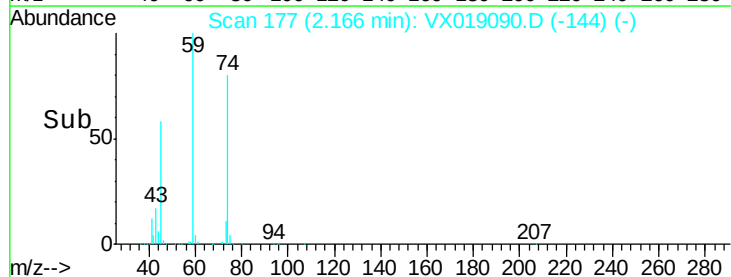
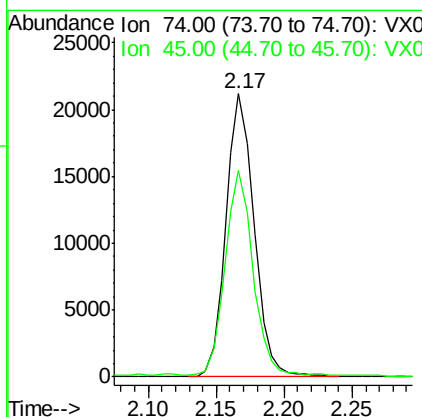
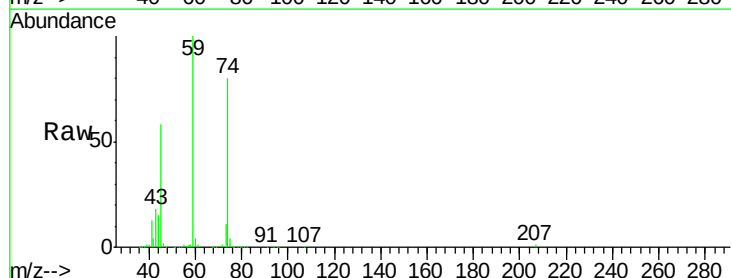
MMDadoda
10/26/2020 11:16:07 AM

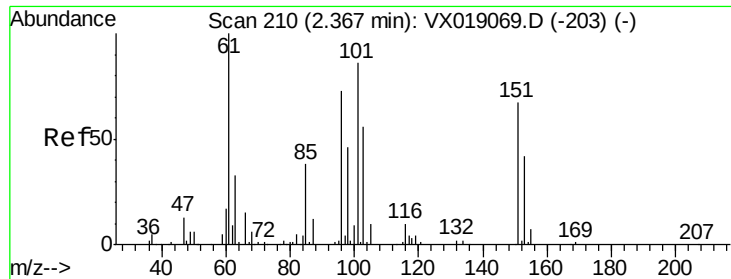


#8

Diethyl Ether
Concen: 18.236 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	70.6	14.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.873 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

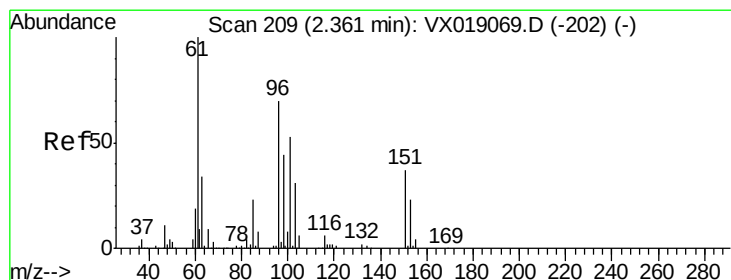
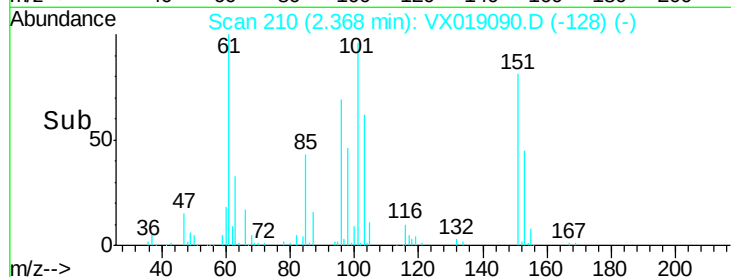
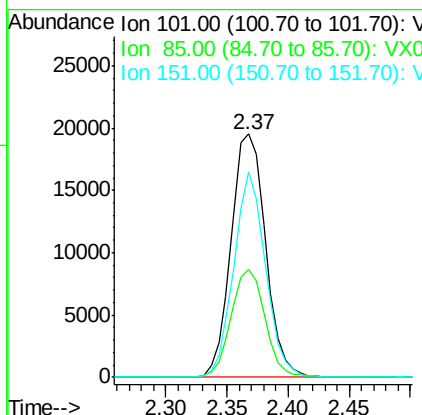
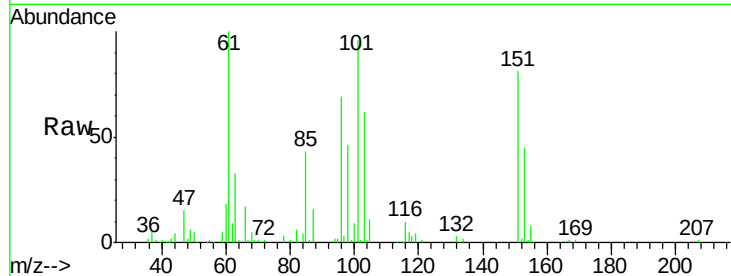
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	38124
Ion Ratio	Lower	Upper	
101	100		
85	43.5	0.0	87.0
151	77.8	0.0	151.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.503 ug/l

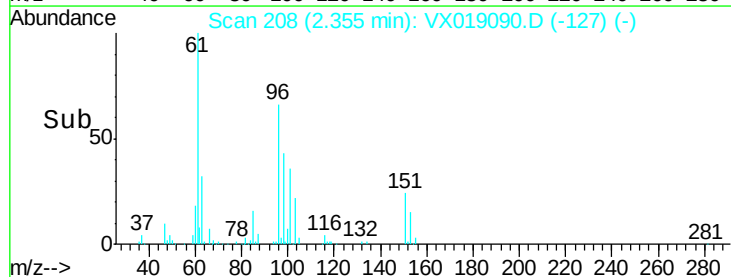
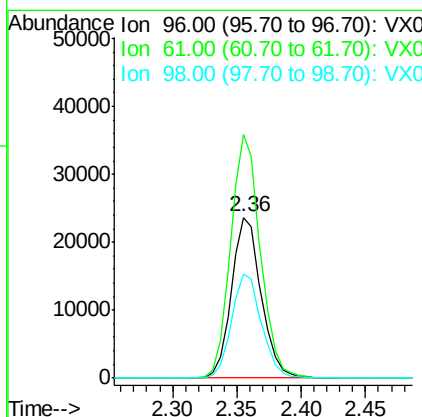
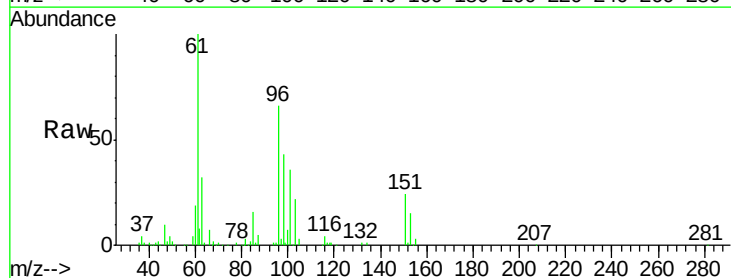
RT: 2.36 min Scan# 208

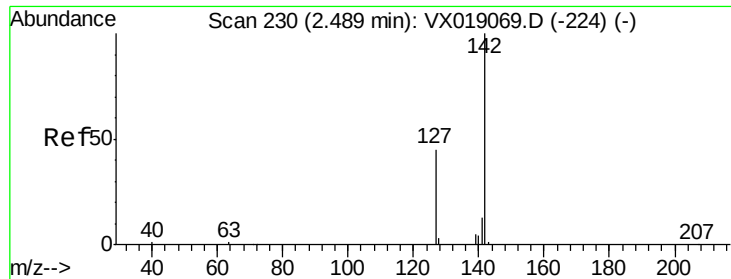
Delta R.T. -0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Tgt Ion:	96	Resp:	37955
Ion Ratio	Lower	Upper	
96	100		
61	151.3	113.8	170.8
98	64.4	50.4	75.6





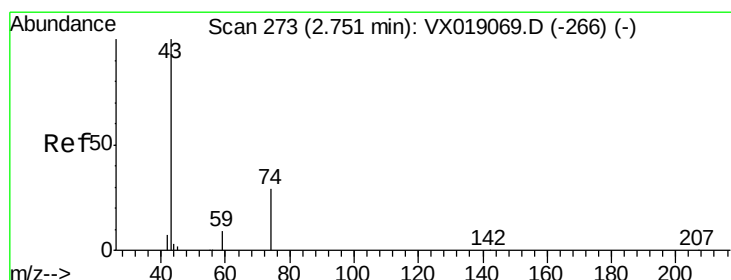
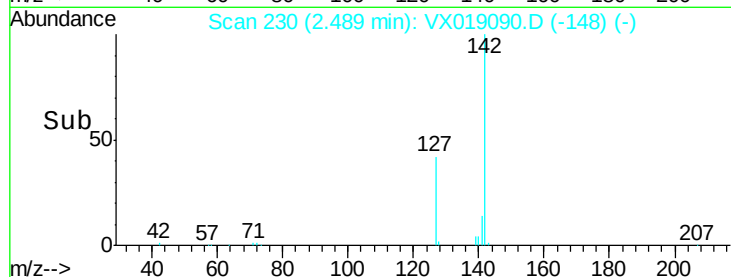
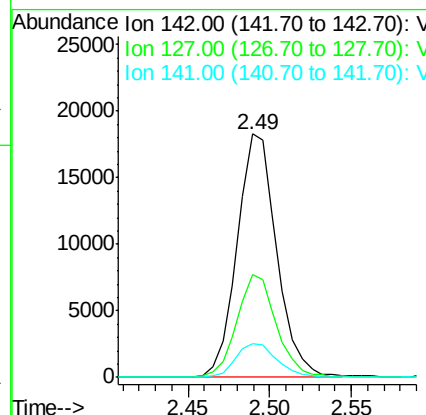
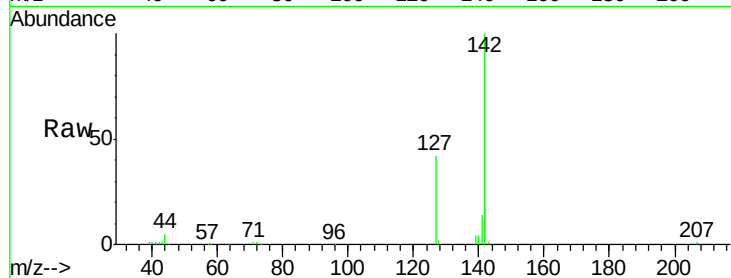
#11
Methyl Iodide
Concen: 18.159 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.1	22.6	67.7
141	13.6	6.3	19.1

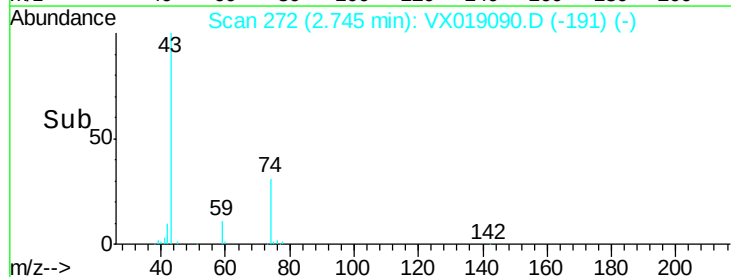
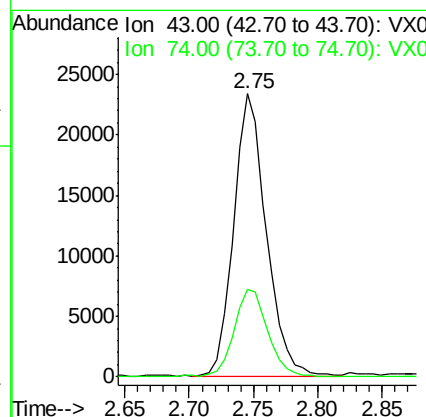
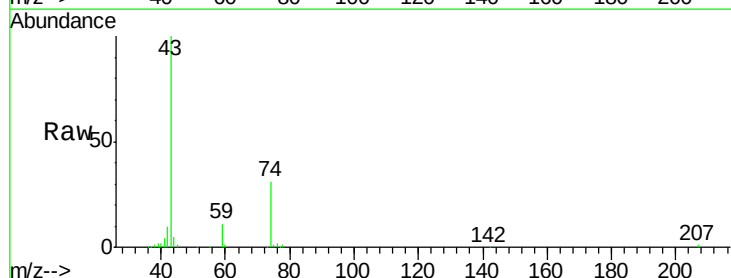
Manual Integrations
APPROVED

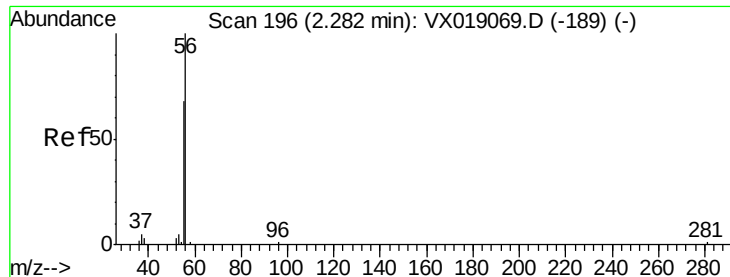
MMDadoda
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#12
Methyl Acetate
Concen: 19.096 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.6	23.9	35.9





#13

Acrolein

Concen: 98.905 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 19550

Ion Ratio Lower Upper

56 100

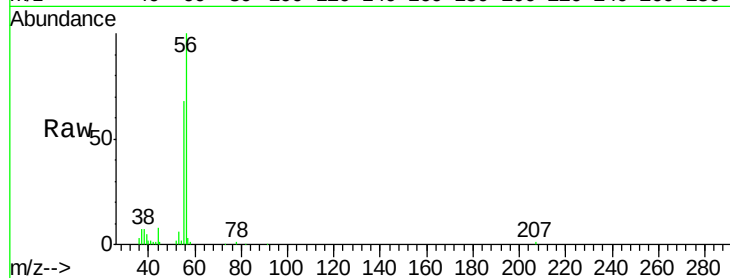
55 71.2 58.2 87.2

Manual Integrations

APPROVED

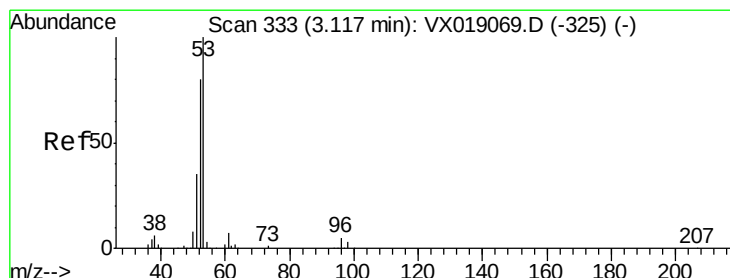
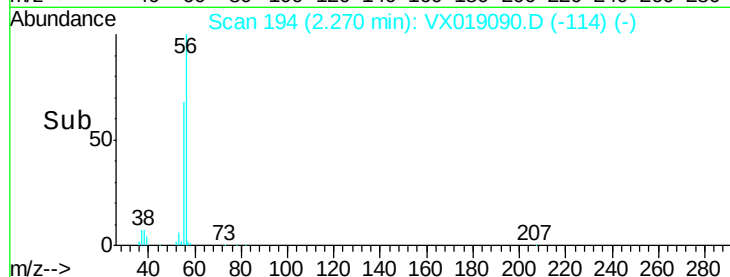
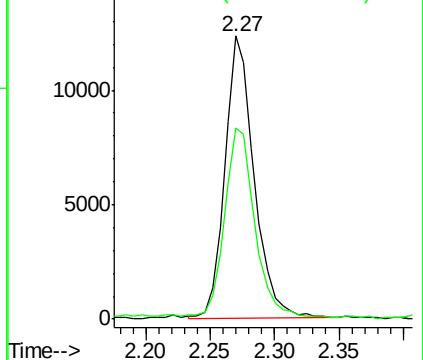
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 92.071 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

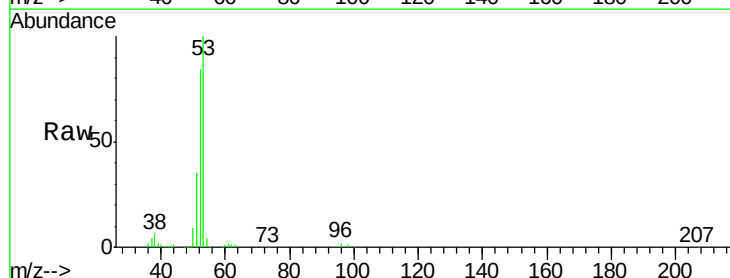
Tgt Ion: 53 Resp: 92856

Ion Ratio Lower Upper

53 100

52 81.6 41.0 123.0

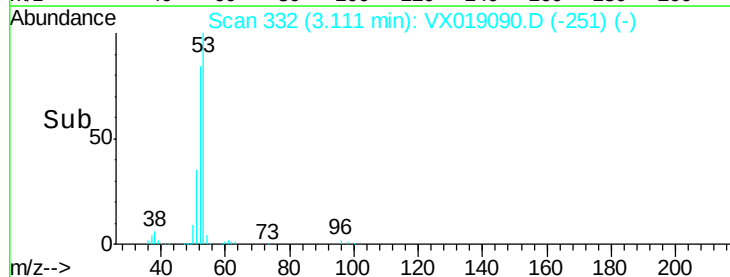
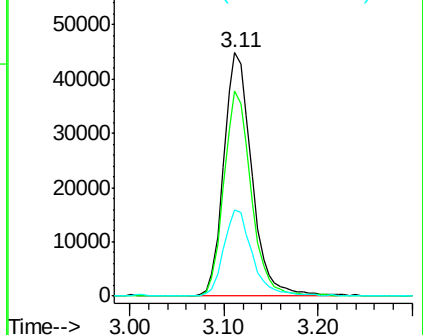
51 35.9 18.2 54.6

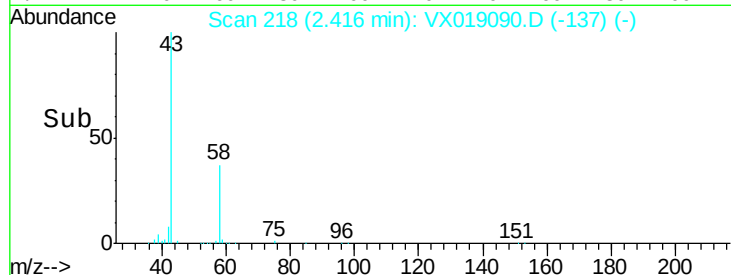
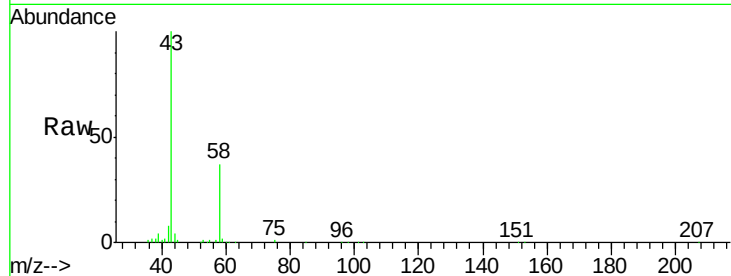
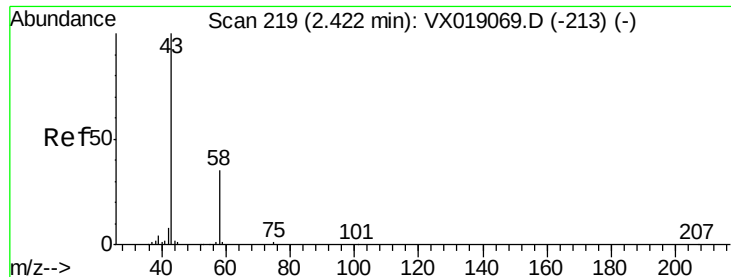


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





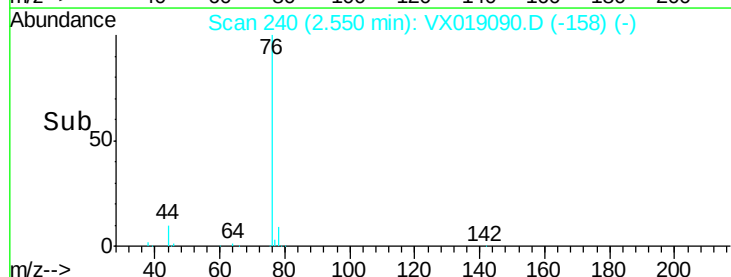
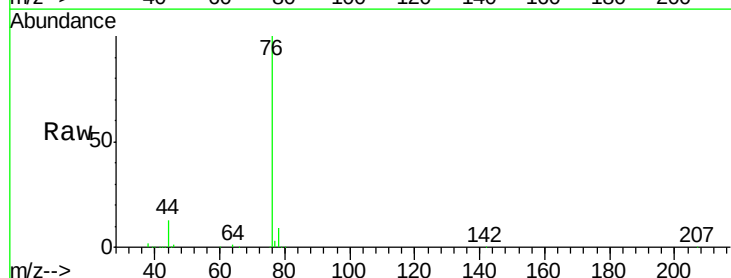
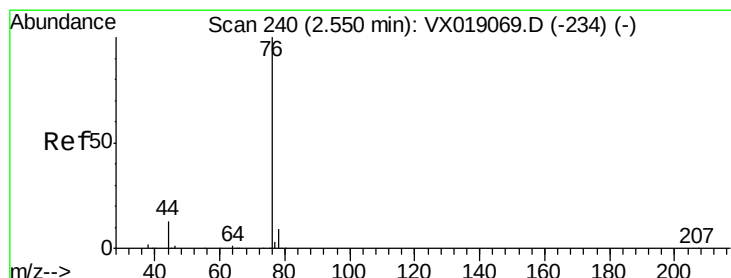
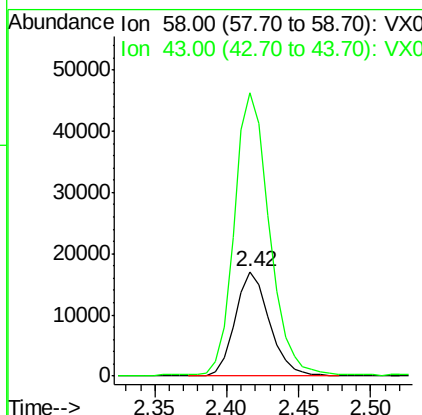
#15
Acetone
Concen: 98.225 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tot Ion: 58 Resp: 28378
Ion Ratio Lower Upper
58 100
43 269.5 226.7 340.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

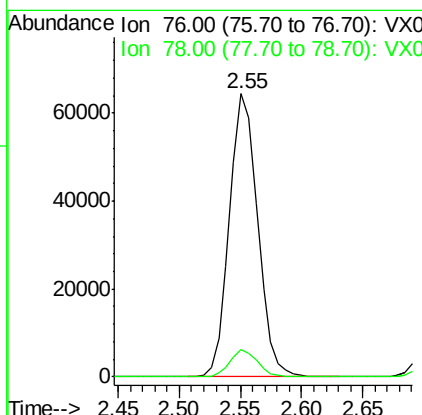
Manual Integrations
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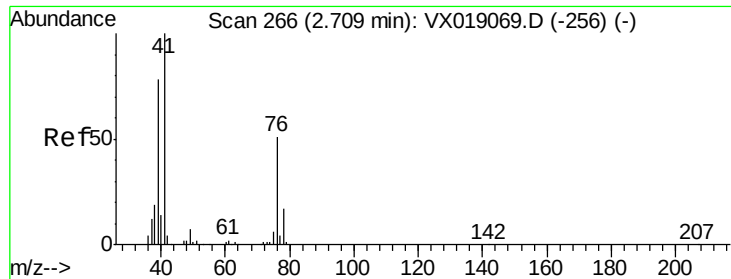
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#16
Carbon Disulfide
Concen: 17.112 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion: 76 Resp: 103144
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8





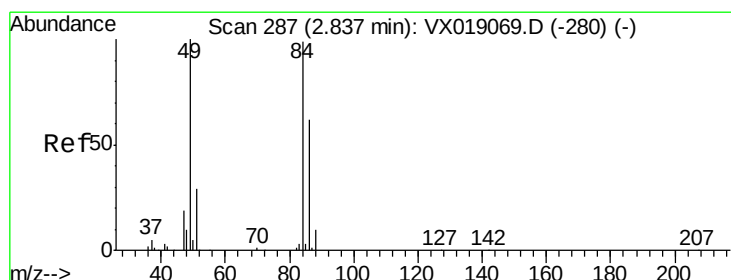
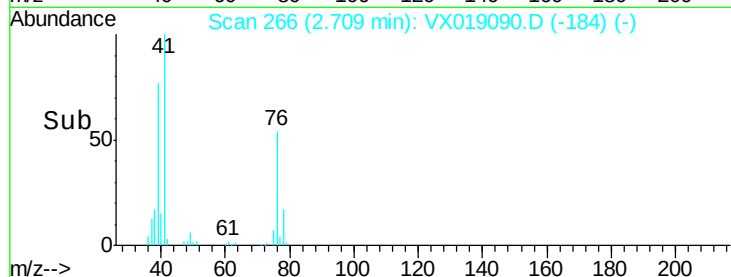
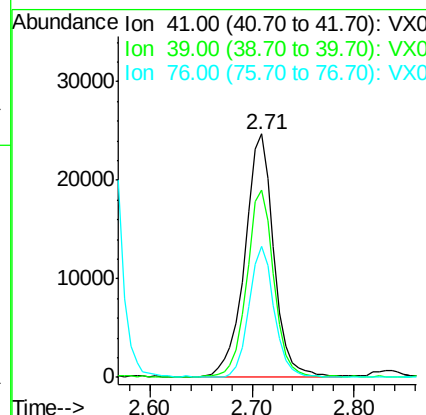
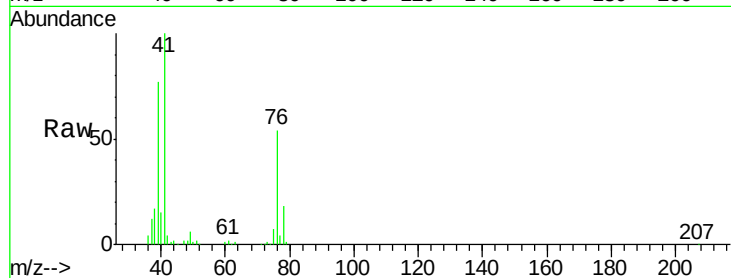
#17
Allvl chloride
Concen: 18.088 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.7	38.8	116.3
76	53.7	25.8	77.4

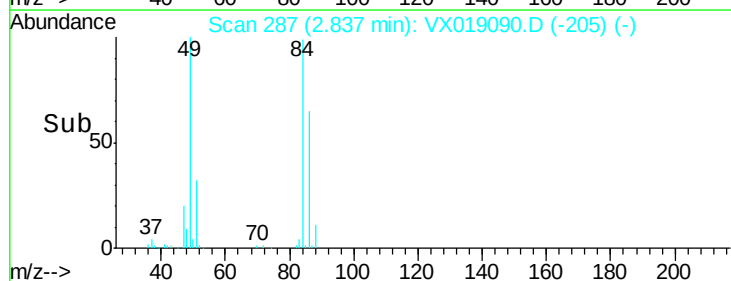
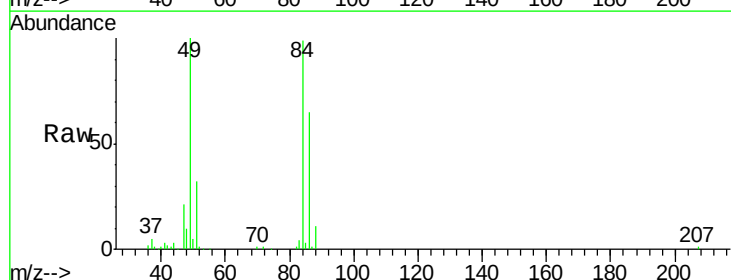
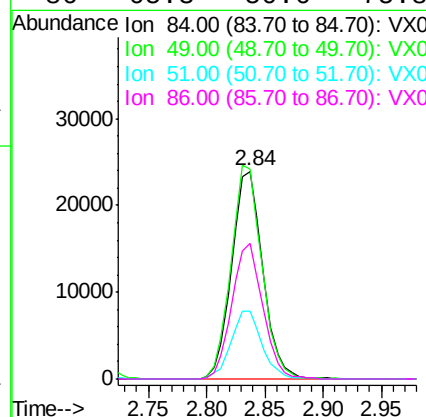
Manual Integrations
APPROVED

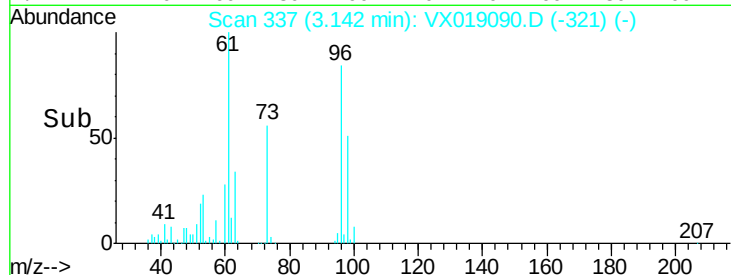
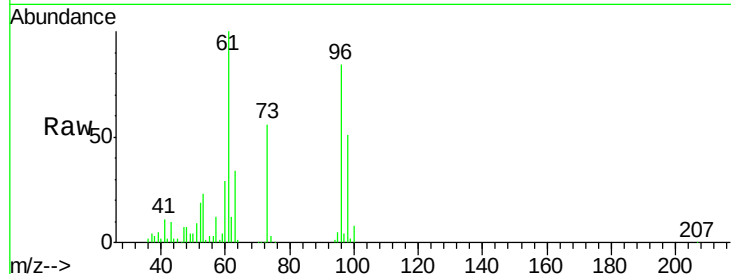
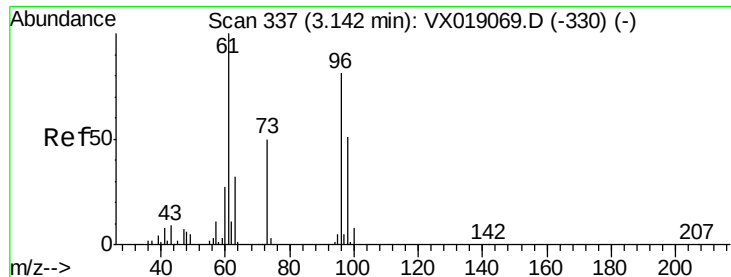
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#18
Methylene Chloride
Concen: 18.052 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.2	80.9	121.3
51	32.6	23.8	35.6
86	65.3	50.6	75.8





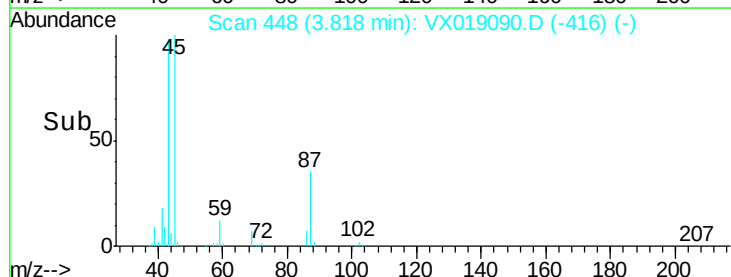
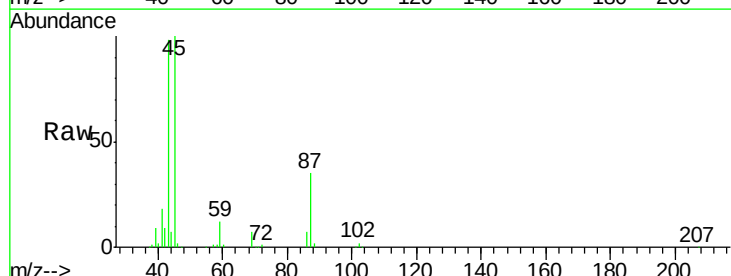
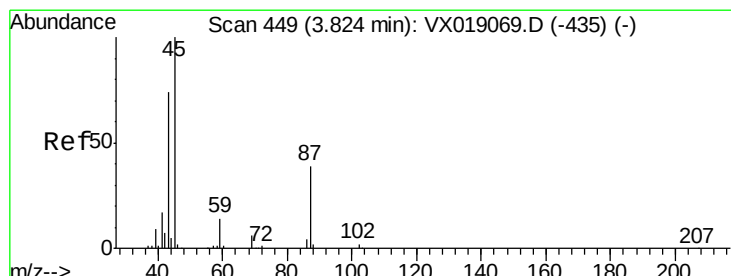
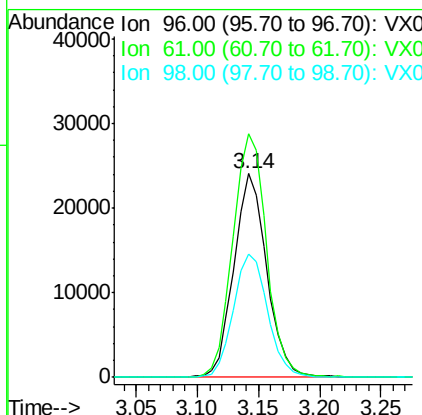
#19
trans-1,2-Dichloroethene
Concen: 17.759 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.5	98.4	147.6
98	60.5	49.9	74.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

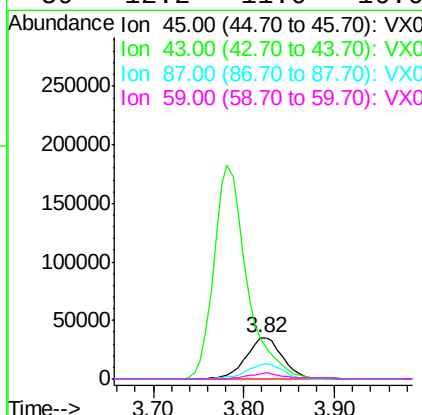
Manual Integrations
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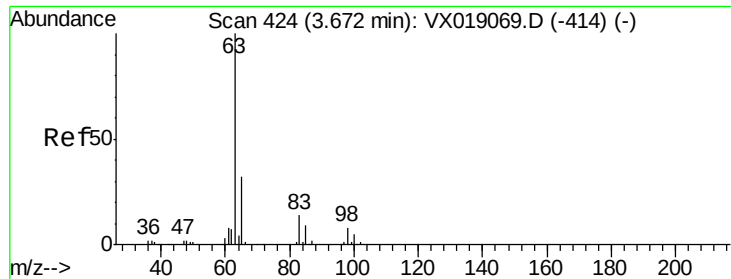
MMDadoda
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#20
Diisopropyl ether
Concen: 17.968 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
45	100		
43	96.3	60.6	91.0#
87	35.2	30.9	46.3
59	12.2	11.0	16.6





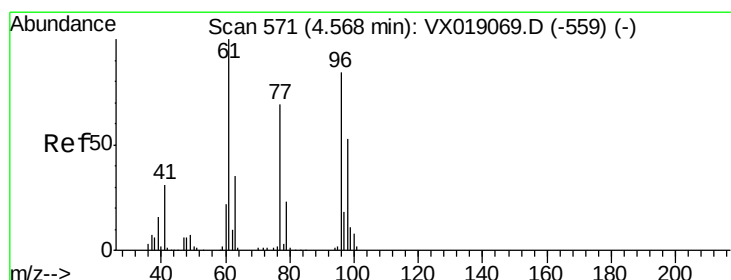
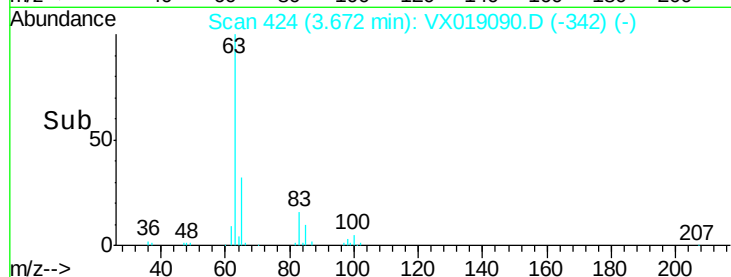
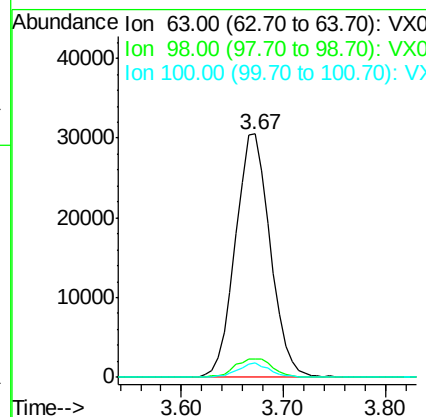
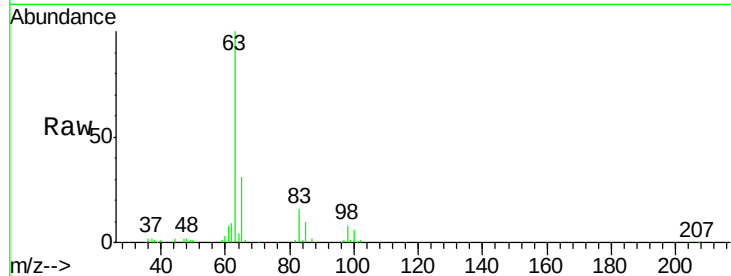
#21
1,1-Dichloroethane
Concen: 17.951 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	63	Resp	72322
Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.9	11.7
100	5.8	2.4	7.2

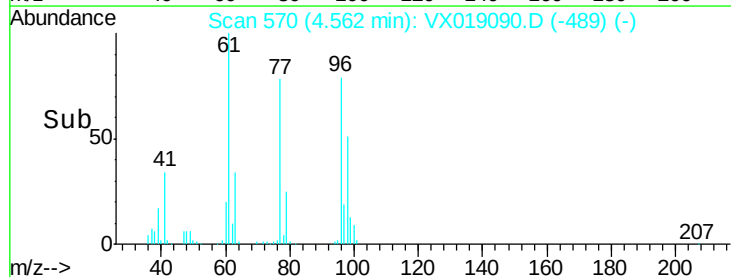
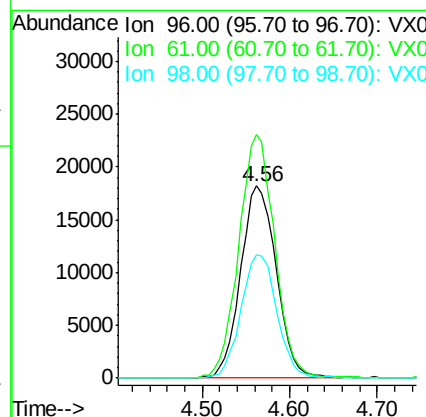
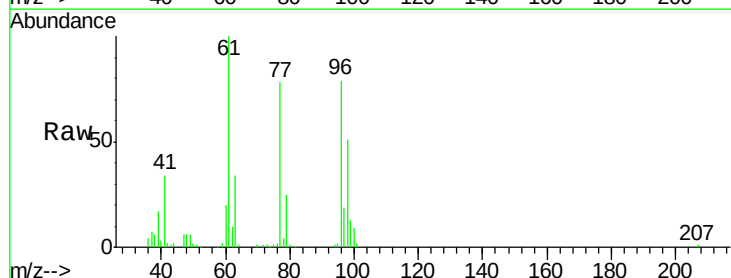
Manual Integrations
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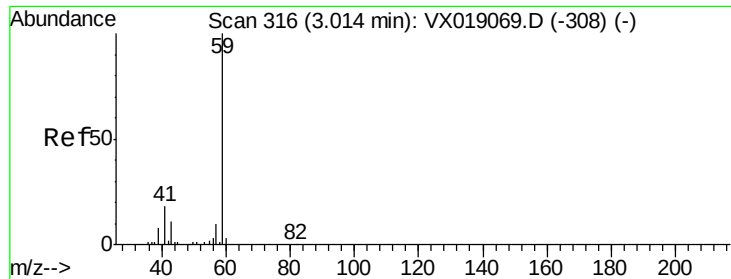
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#22
cis-1,2-Dichloroethene
Concen: 17.687 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	96	Resp	51889
Ion	Ratio	Lower	Upper
96	100		
61	127.0	101.9	152.9
98	64.2	51.3	76.9





#23

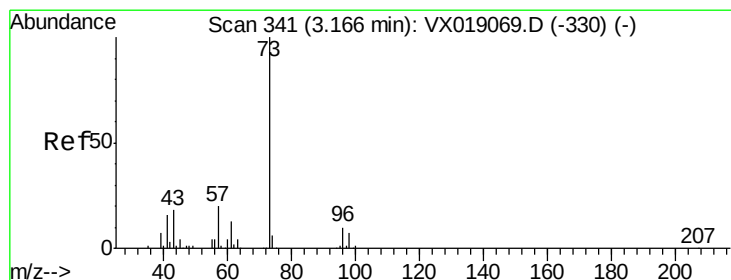
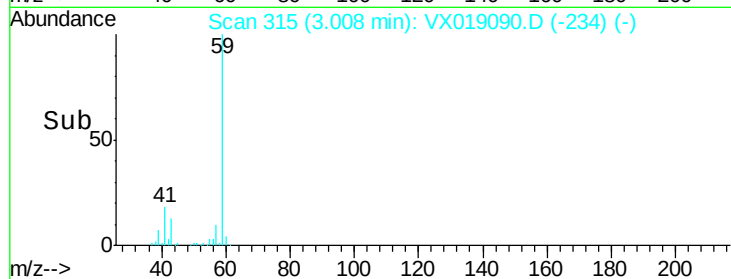
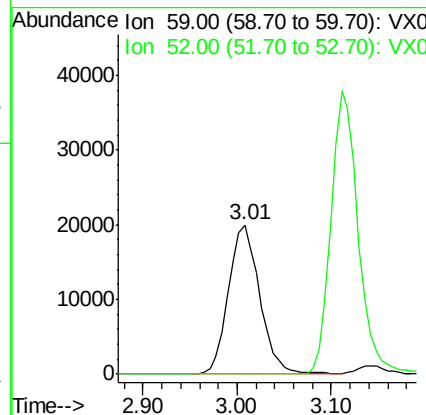
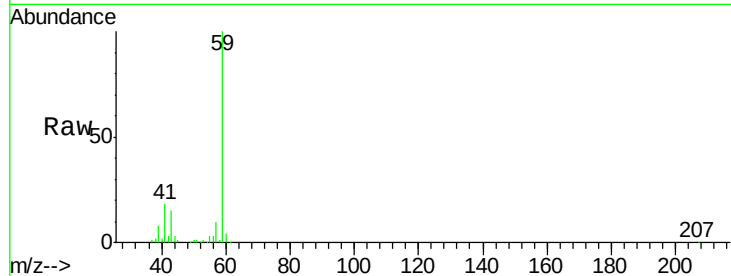
tert-Butyl Alcohol
 Concen: 94.246 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.1	0.2	0.4	

Manual Integrations
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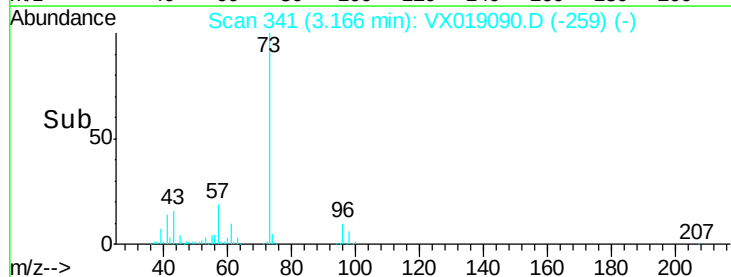
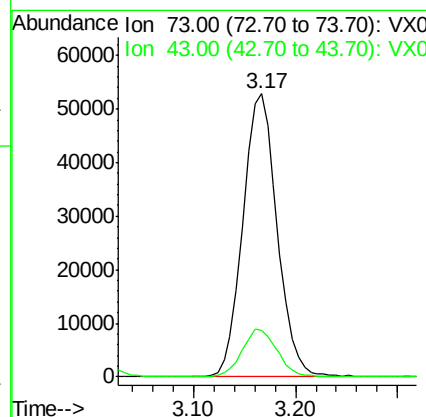
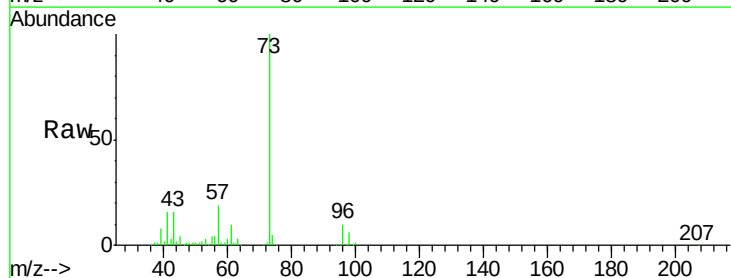
MMDadoda
 10/26/2020 11:16:07 AM

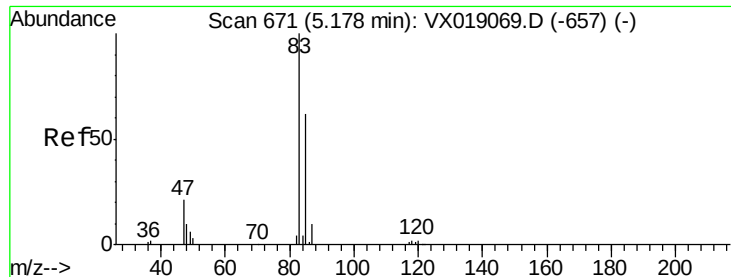


#24

Methyl tert-Butyl Ether
 Concen: 17.967 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	17.0	13.9	20.9	





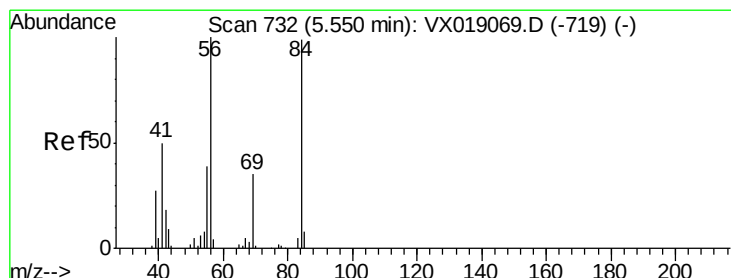
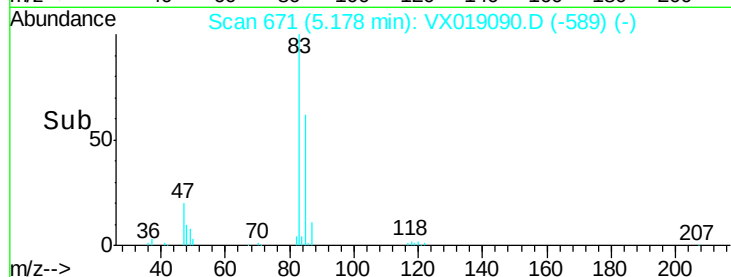
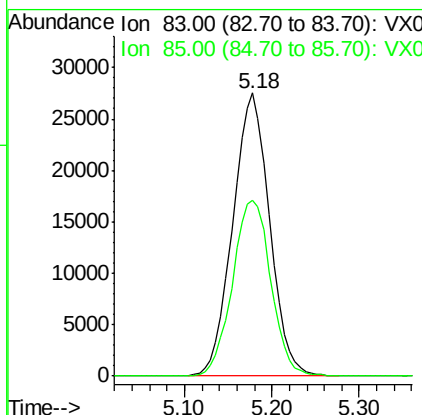
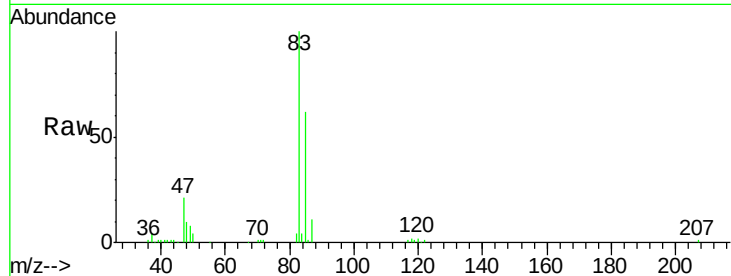
#25
Chloroform
Concen: 18.062 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	80629
Ion Ratio	100	Lower	Upper
83	100		
85	62.1	49.8	74.8

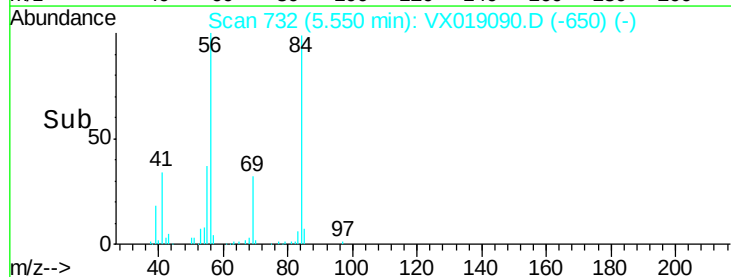
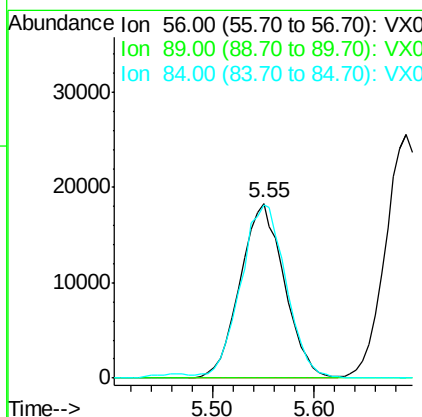
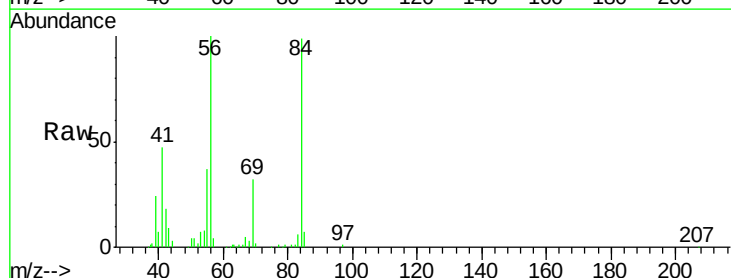
Manual Integrations
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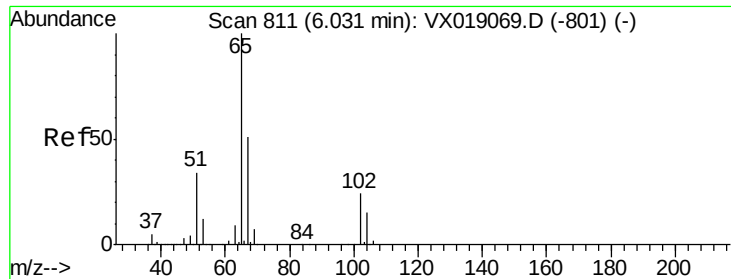
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10/26/2020 11:16:07 AM



#26
Cyclohexane
Concen: 17.617 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	56	Resp	55153
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.0	0.0#
84	102.2	83.7	125.5





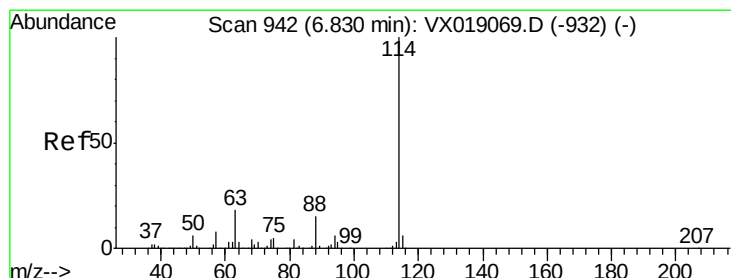
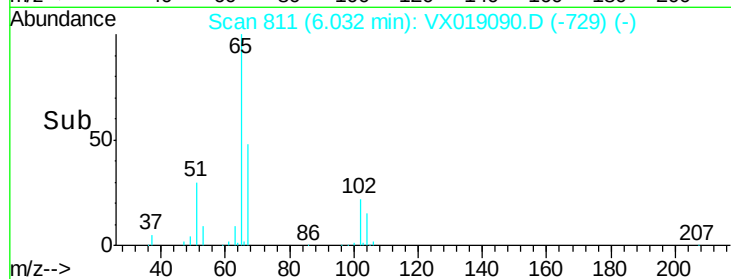
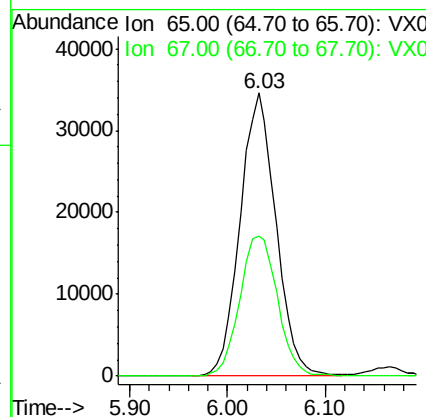
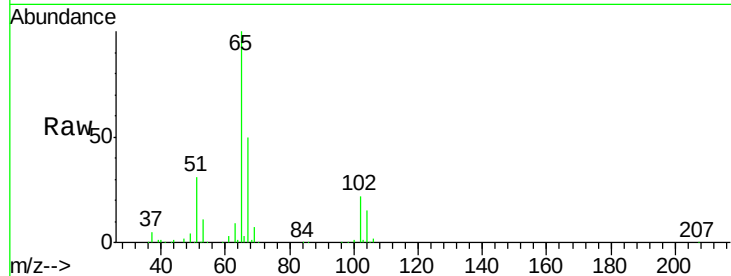
#27
 1,2-Dichloroethane-d4
 Concen: 30.777 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	42.0	63.0

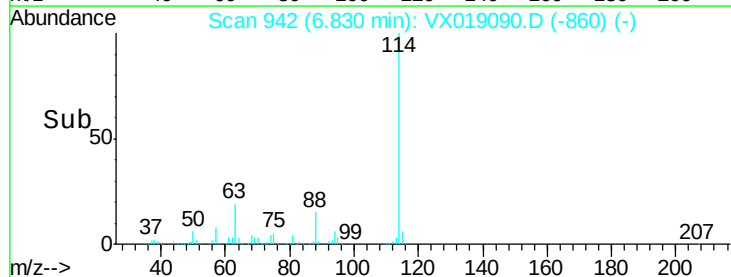
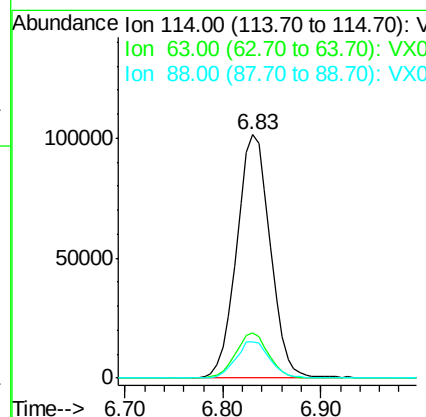
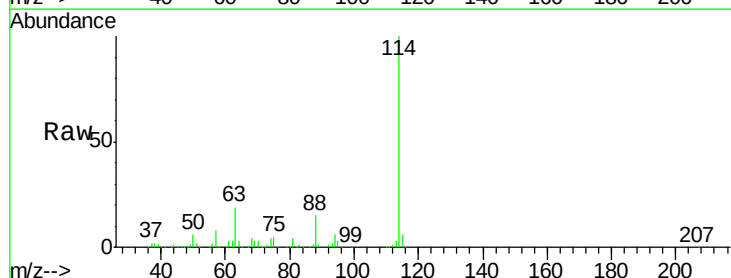
Manual Integrations
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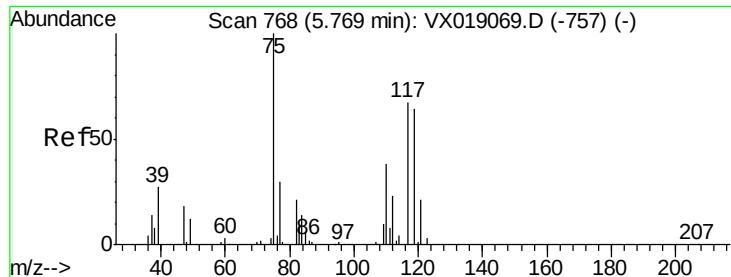
MMDadoda
 10/26/2020 11:16:07 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.6	21.8
88	15.2	12.2	18.2





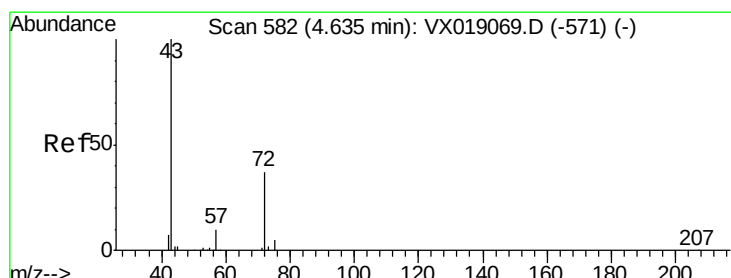
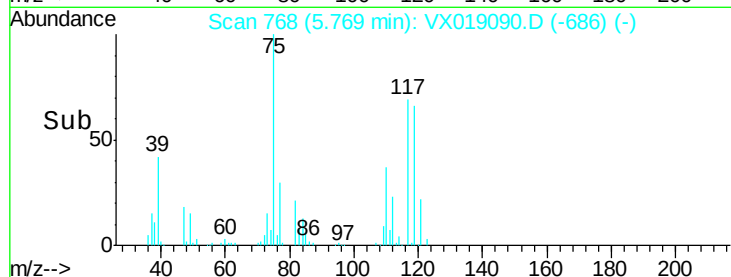
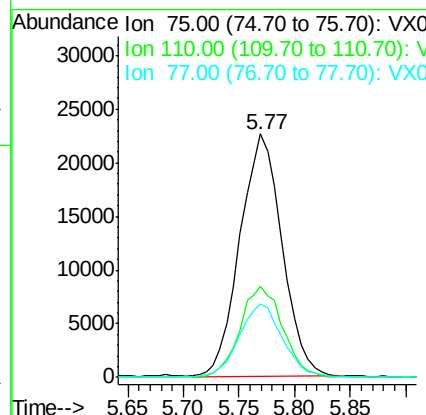
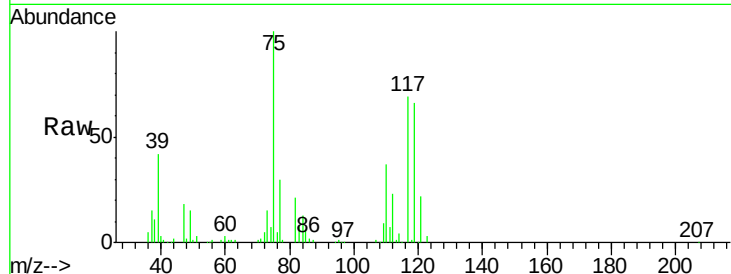
#29
 1,1-Dichloropropene
 Concen: 17.431 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.0	0.0	77.4
77	31.4	0.0	62.8

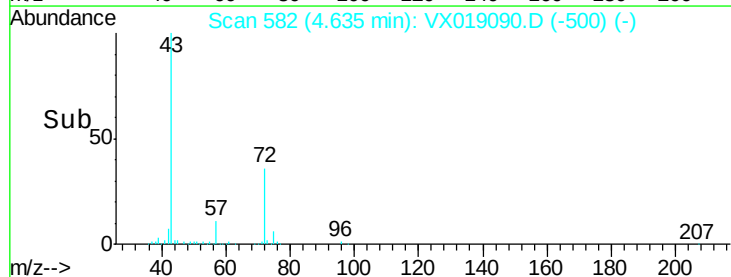
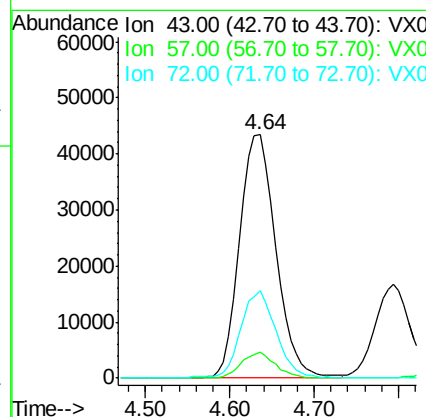
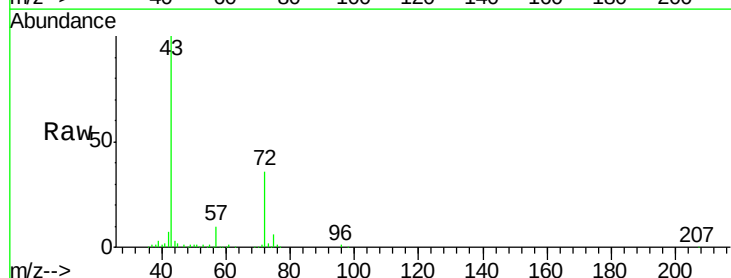
Manual Integrations
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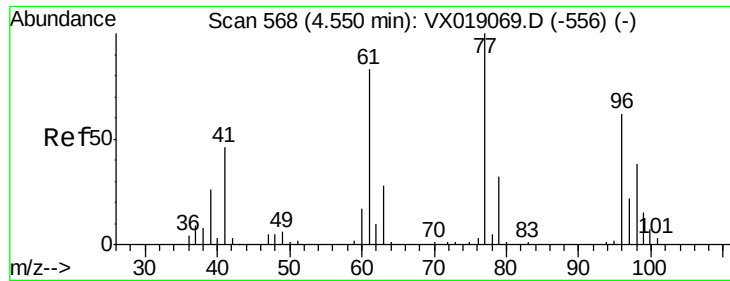
MMDadoda
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#30
 2-Butanone
 Concen: 92.715 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.9	7.8	11.6
72	34.0	28.1	42.1





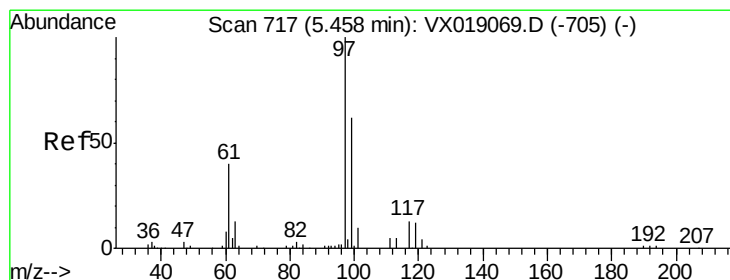
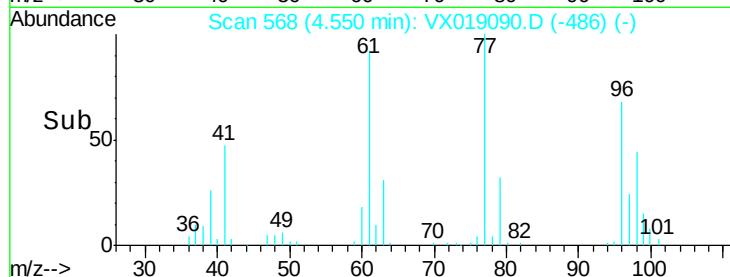
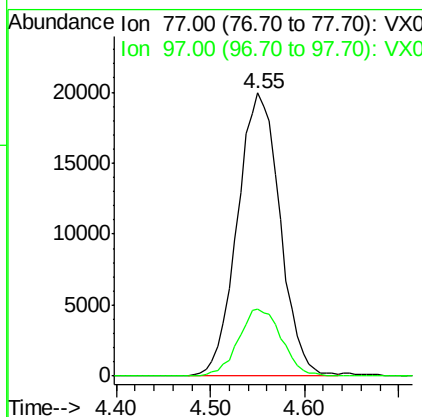
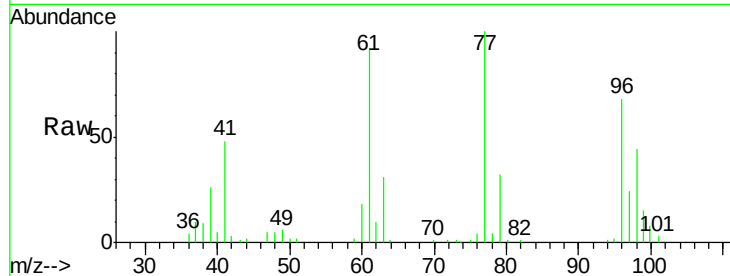
#31
 2,2-Dichloropropane
 Concen: 16.129 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.9	19.2	28.8

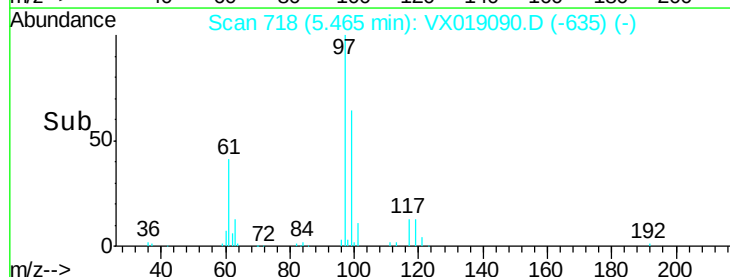
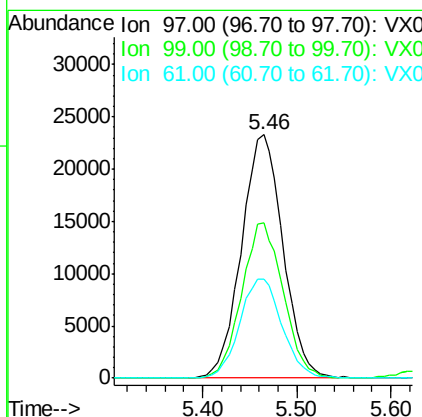
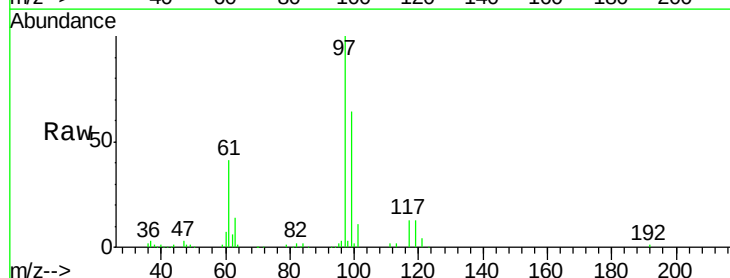
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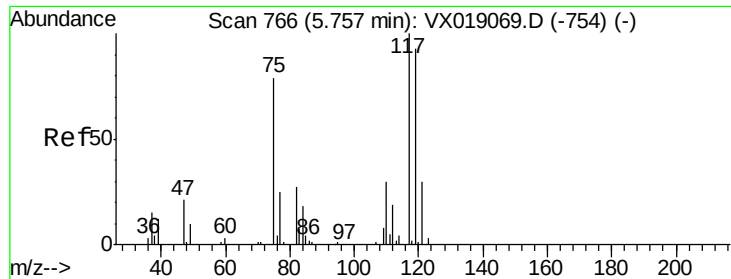
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#32
 1,1,1-Trichloroethane
 Concen: 17.519 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	41.6	32.0	48.0





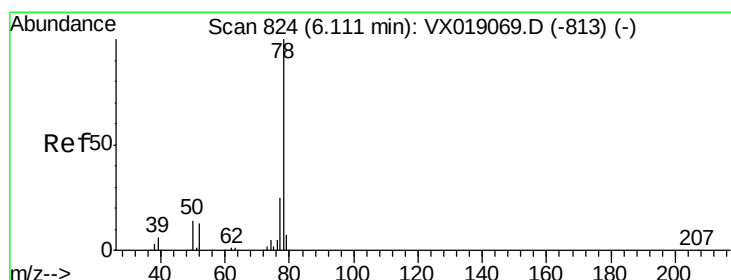
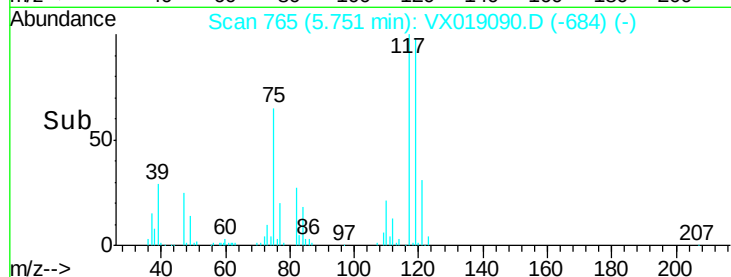
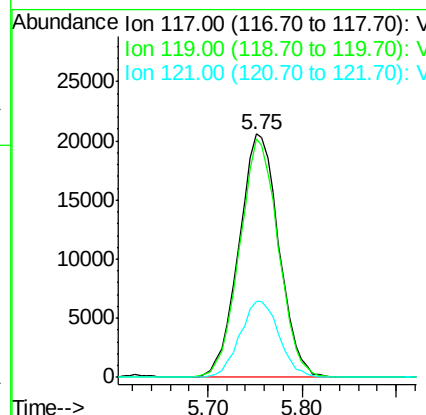
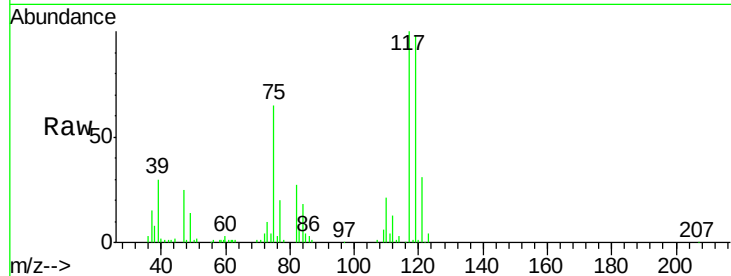
#33
Carbon Tetrachloride
Concen: 17.110 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.5	111.7
121	31.2	24.1	36.1

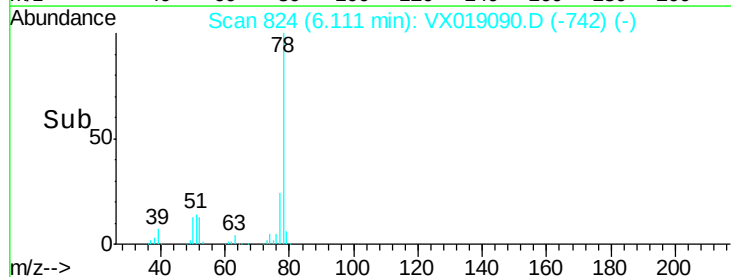
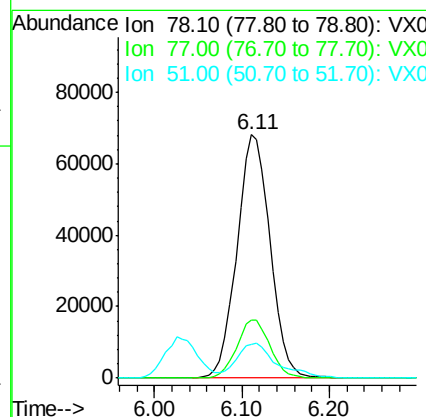
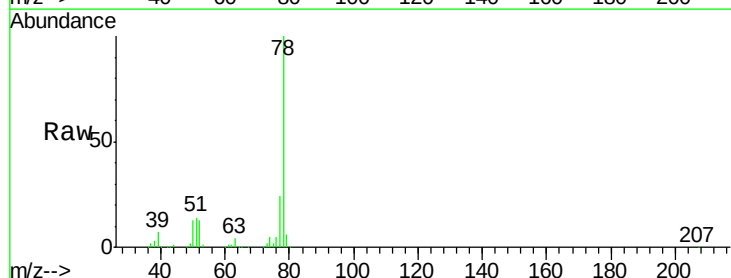
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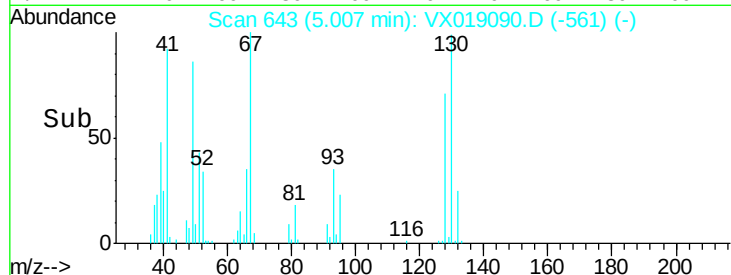
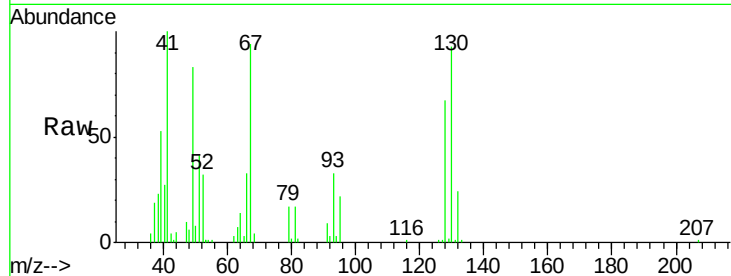
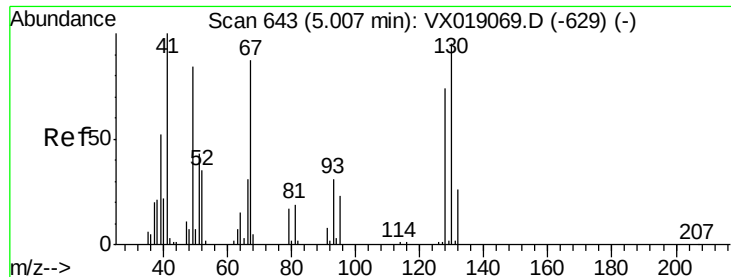
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#34
Benzene
Concen: 17.893 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

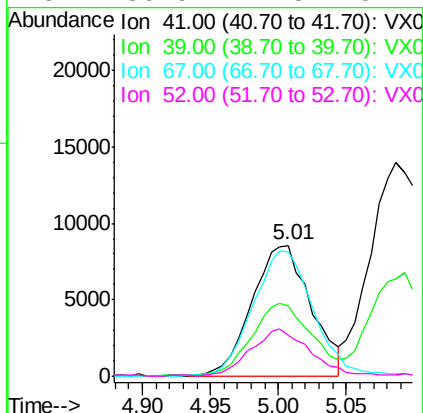
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	20.1	30.1
51	13.5	11.0	16.4





#35
Methacrylonitrile
Concen: 17.653 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

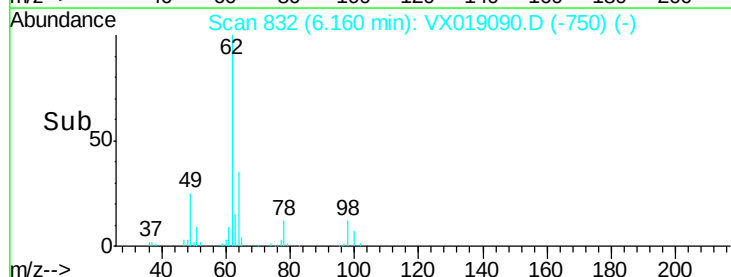
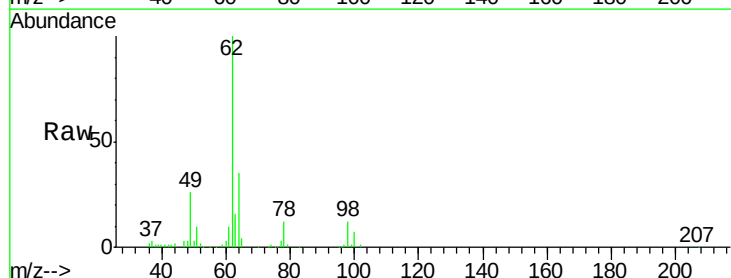
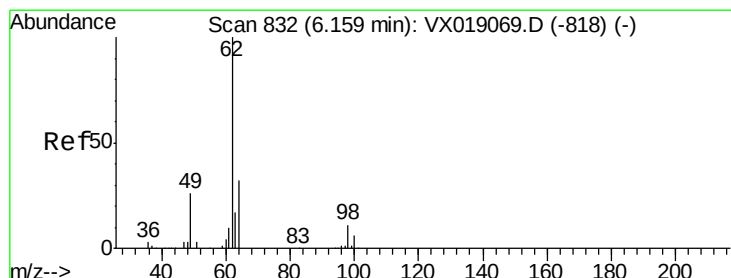
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	25.8	77.4	
67	93.8	43.6	130.8	
52	30.9	17.3	51.7	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

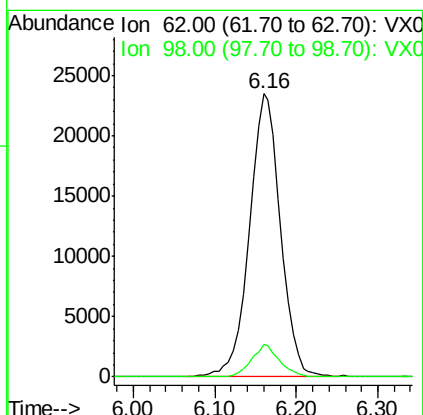
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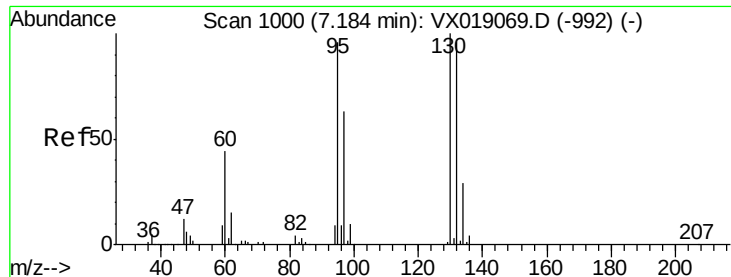
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#36
1,2-Dichloroethane
Concen: 18.089 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	8.4	12.6	





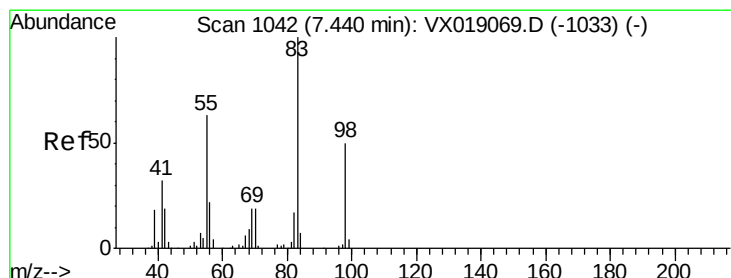
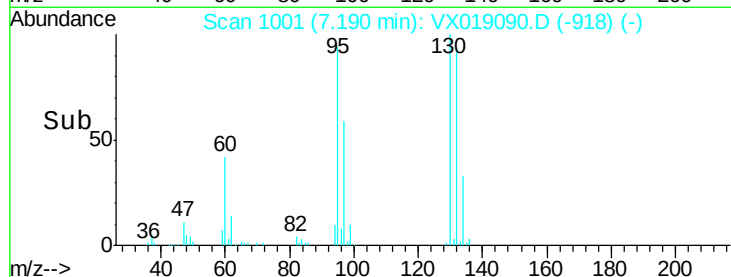
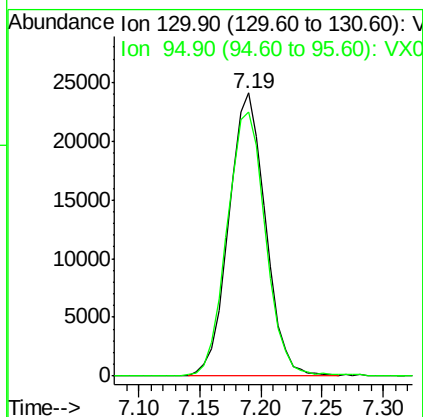
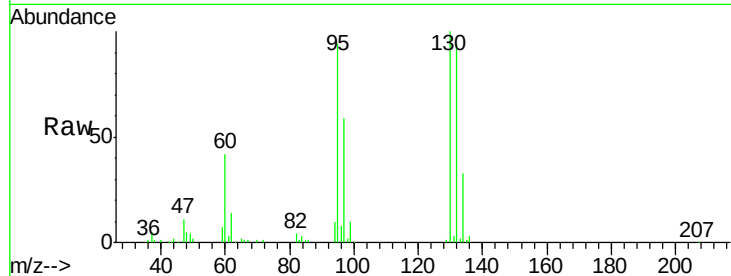
#37
 Trichloroethene
 Concen: 17.354 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 50080
 Ion Ratio Lower Upper
 130 100
 95 93.1 76.8 115.2

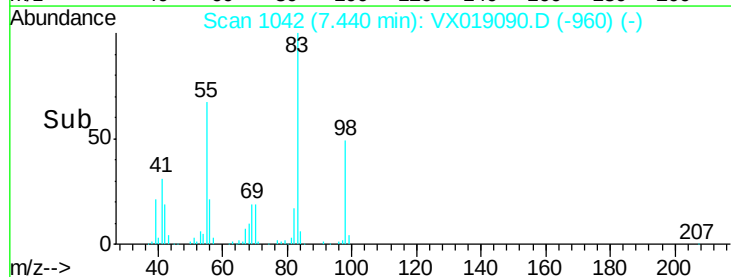
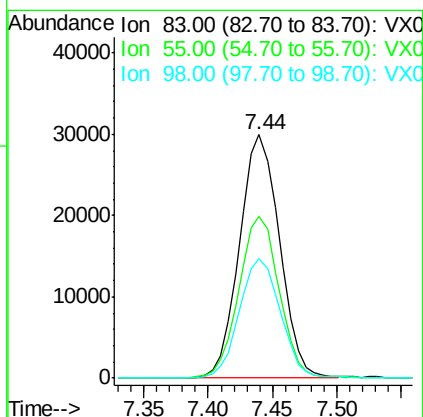
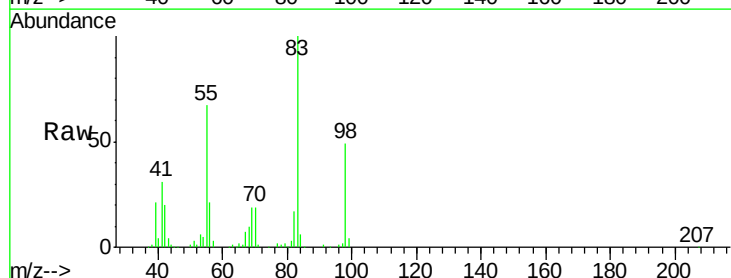
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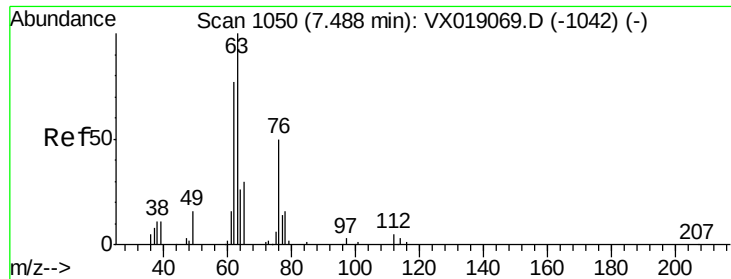
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#38
 Methylcyclohexane
 Concen: 16.913 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion: 83 Resp: 64687
 Ion Ratio Lower Upper
 83 100
 55 66.2 32.3 96.8
 98 50.5 25.7 77.1





#39

1,2-Dichloropropane

Concen: 18.321 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 42696

Ion Ratio Lower Upper

63 100

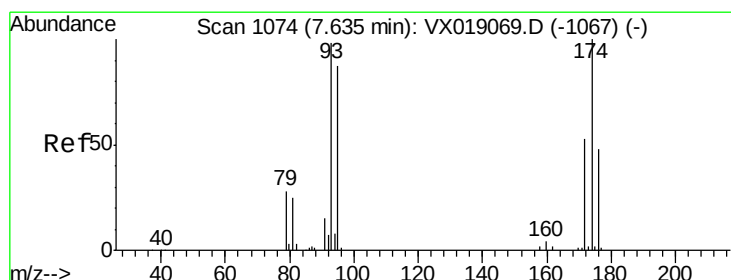
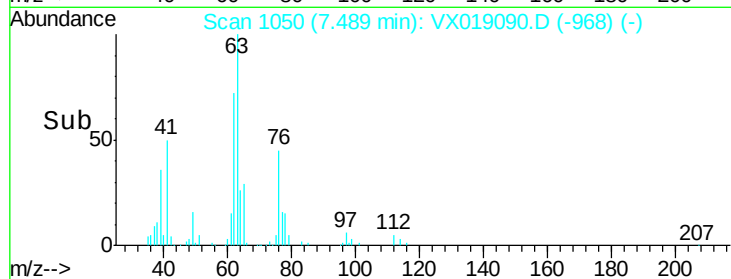
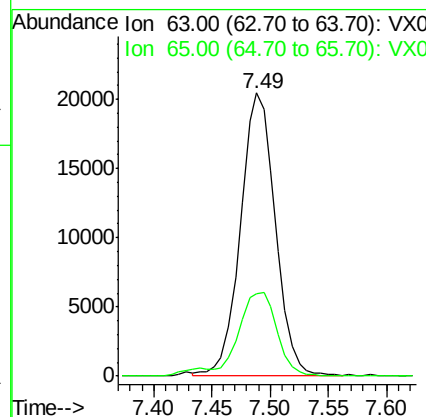
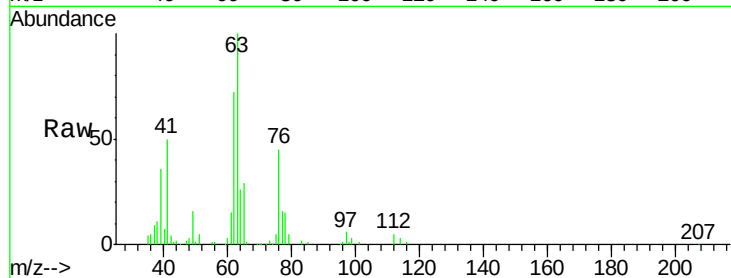
65 29.3 25.8 38.8

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#40

Dibromomethane

Concen: 17.897 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

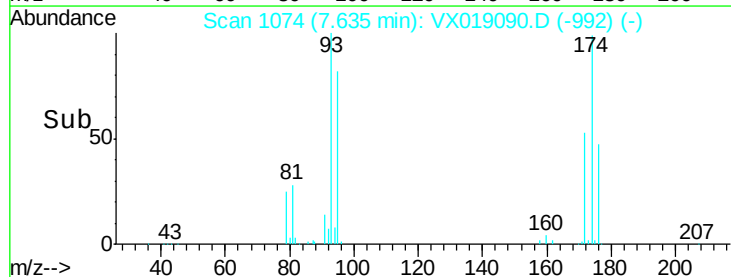
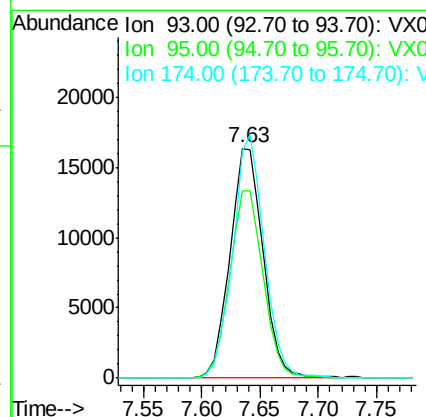
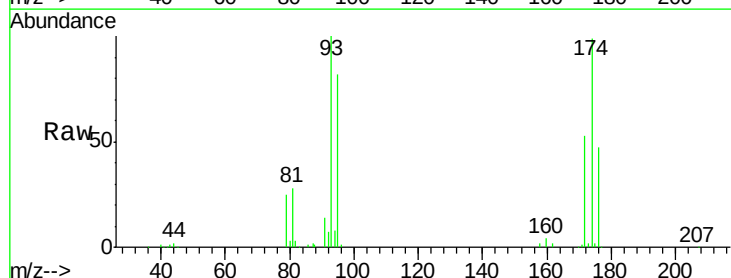
Tgt Ion: 93 Resp: 32370

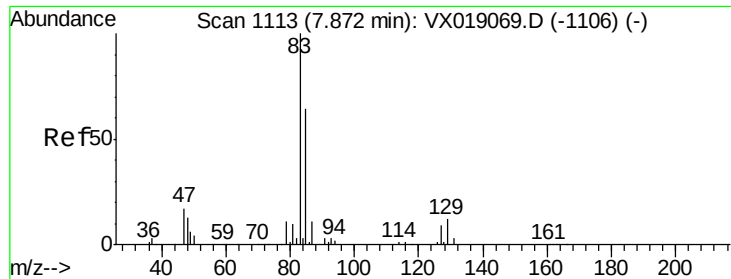
Ion Ratio Lower Upper

93 100

95 82.5 0.0 169.0

174 100.6 0.0 205.4





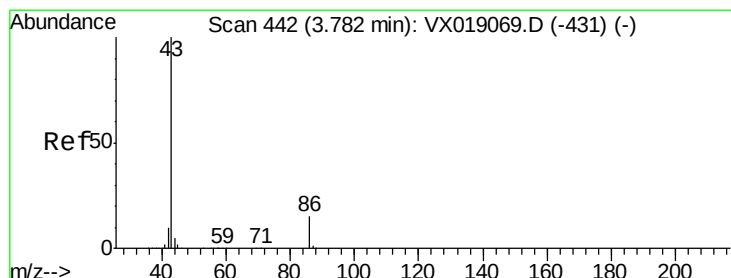
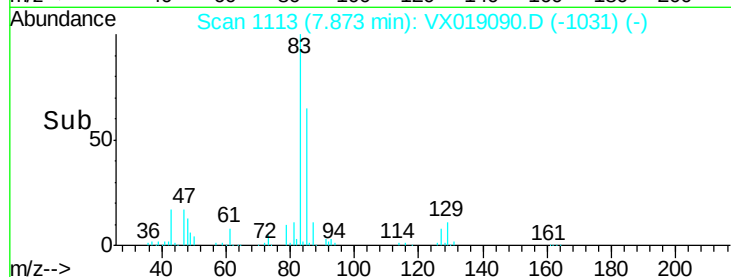
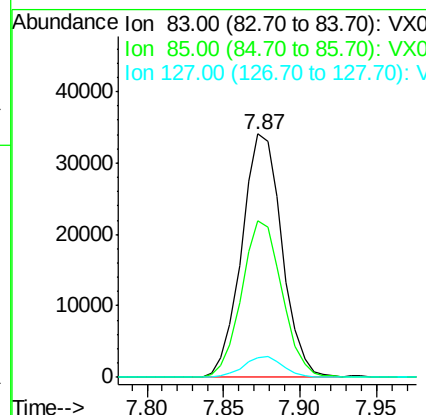
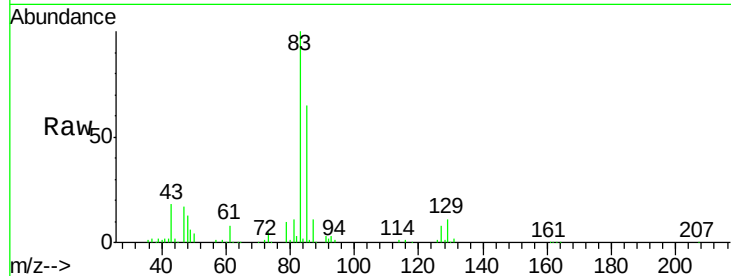
#41
Bromodichloromethane
Concen: 17.461 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	62438
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	51.2	76.8
127	8.3	7.1	10.7

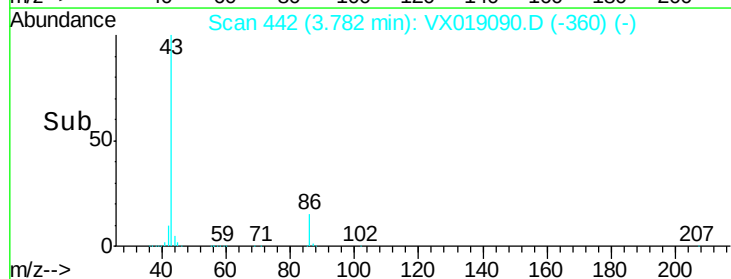
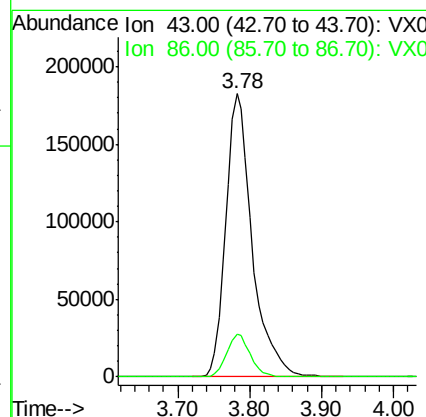
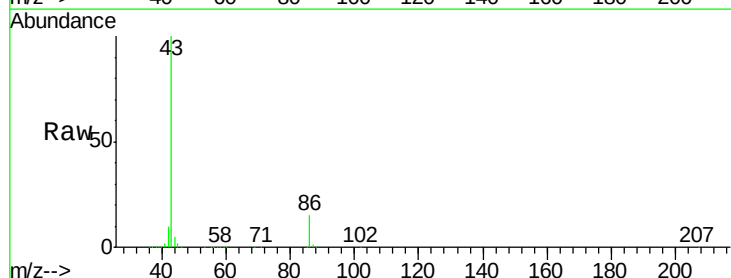
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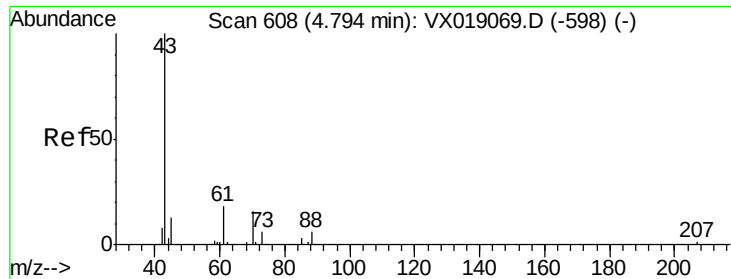
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#42
Vinyl Acetate
Concen: 87.807 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	43	Resp	464425
Ion Ratio	100	Lower	Upper
43	100		
86	13.4	10.6	15.8





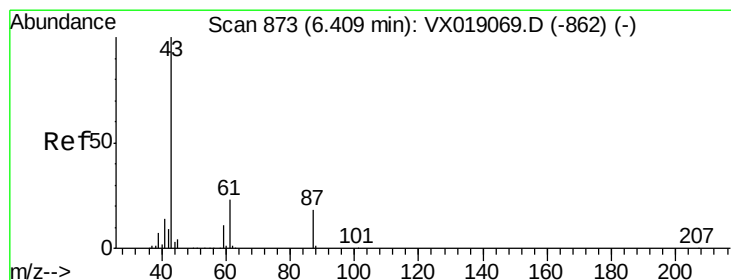
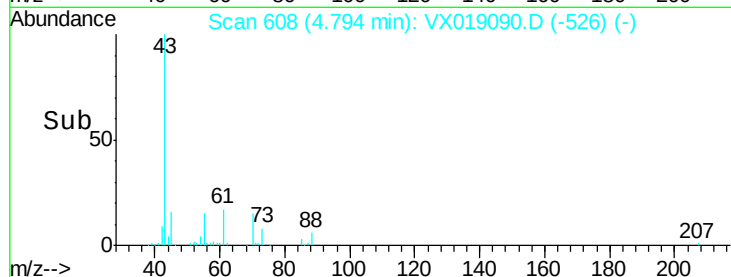
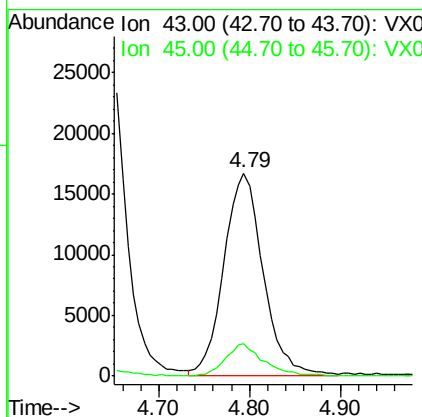
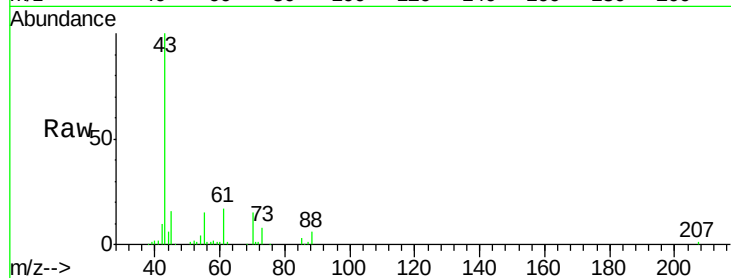
#43
Ethyl Acetate
Concen: 17.509 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 49929
Ion Ratio Lower Upper
43 100
45 15.4 12.7 19.1

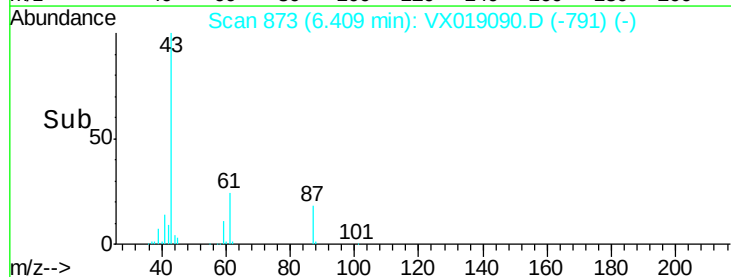
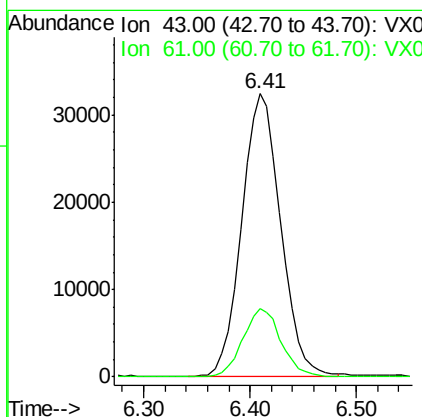
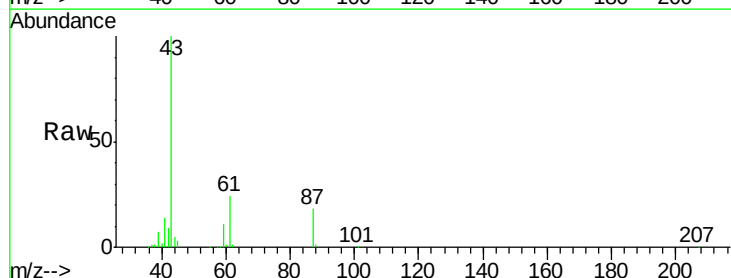
Manual Integrations
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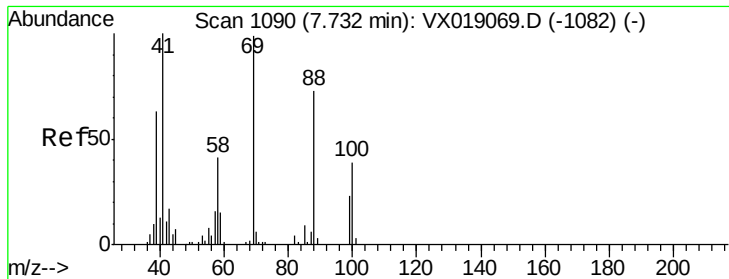
MMDadoda
10/26/2020 11:16:07 AM



#44
Isopropyl Acetate
Concen: 17.276 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion: 43 Resp: 82497
Ion Ratio Lower Upper
43 100
61 23.7 19.1 28.7





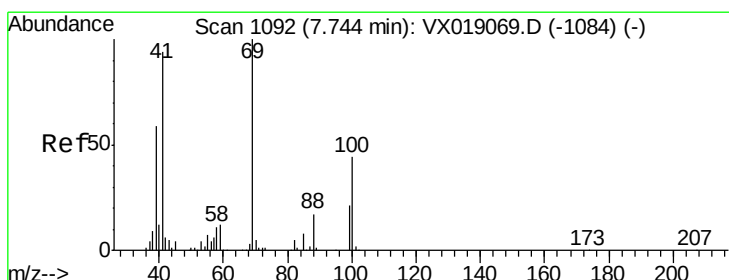
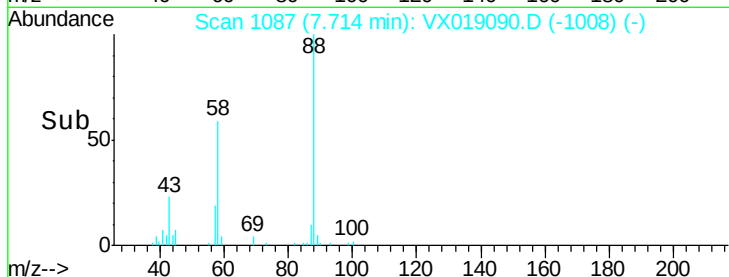
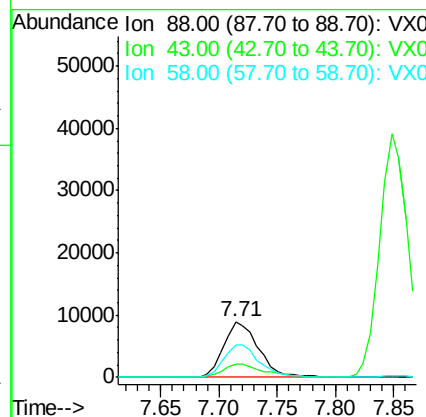
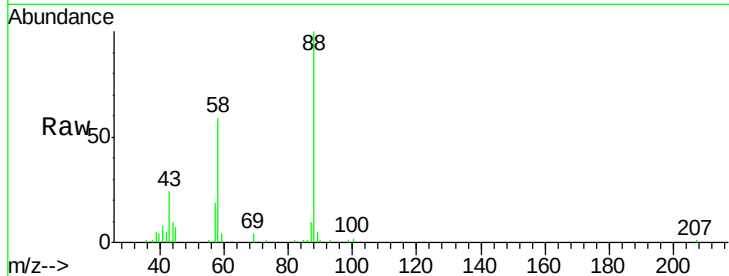
#45
 1,4-Dioxane
 Concen: 367.529 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Tot Ion	88	Resp	18447
Ion	Ratio	Lower	Upper
88	100		
43	25.1	20.5	30.7
58	60.0	47.4	71.2

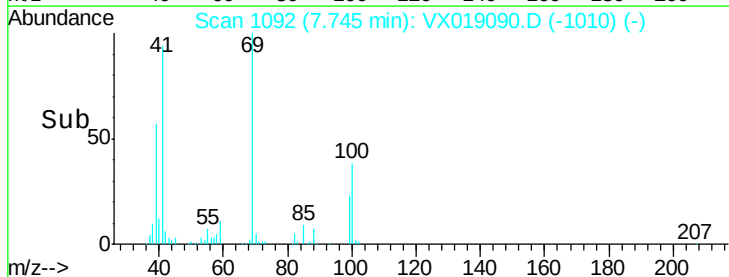
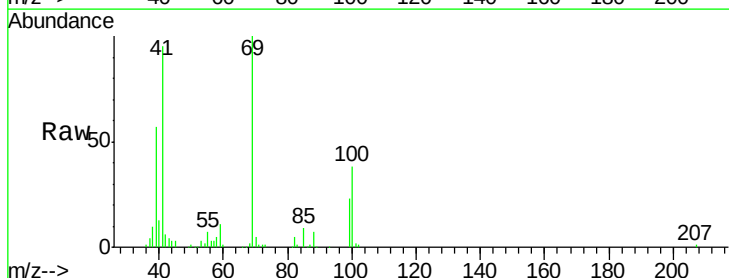
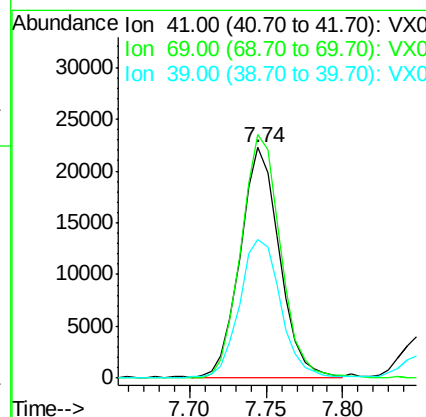
Manual Integrations
 APPROVED

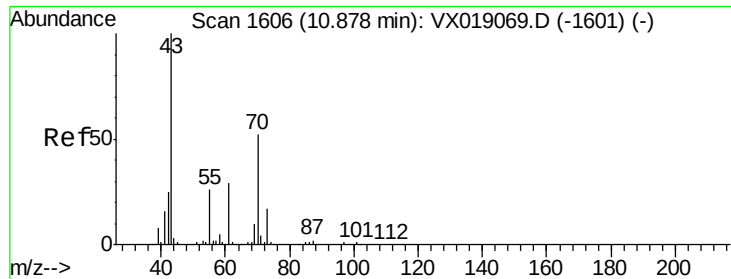
MMDadoda
 10/26/2020 11:16:07 AM



#46
 Methyl methacrylate
 Concen: 17.511 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	41	Resp	39577
Ion	Ratio	Lower	Upper
41	100		
69	105.9	53.1	159.4
39	60.0	31.3	93.9





#47

n-amvl Acetate

Concen: 17.928 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 68670

Ion Ratio Lower Upper

43 100

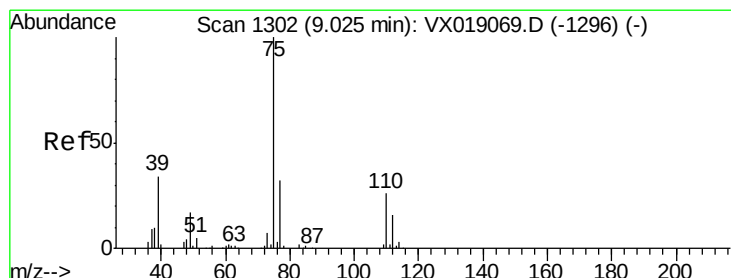
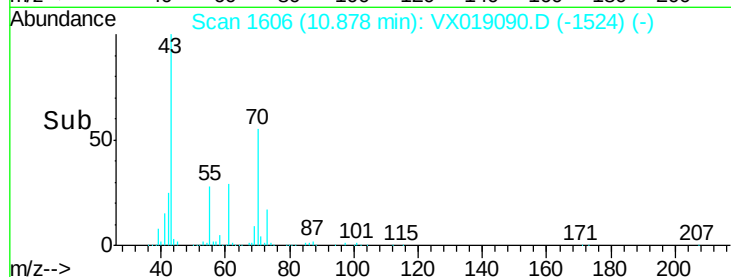
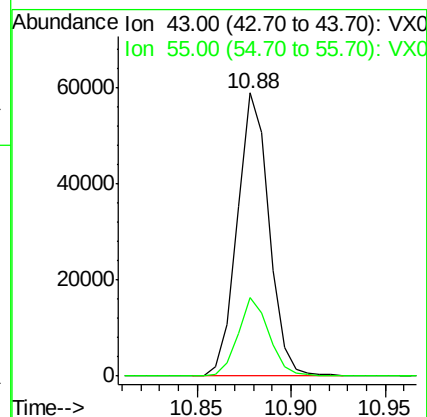
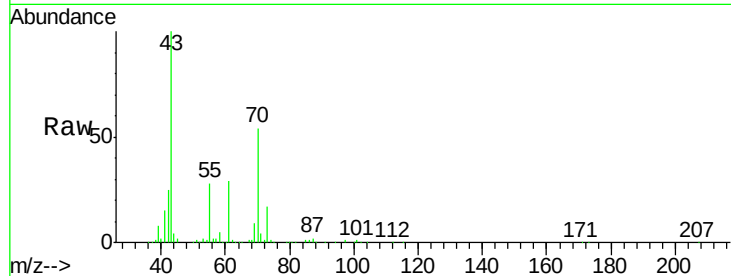
55 27.6 21.5 32.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 16.349 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019090.D

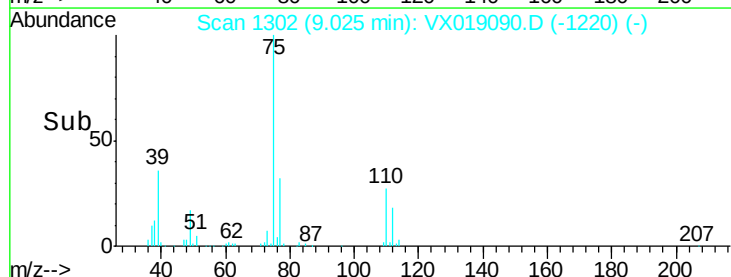
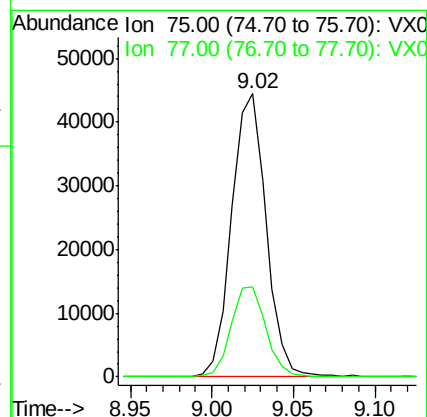
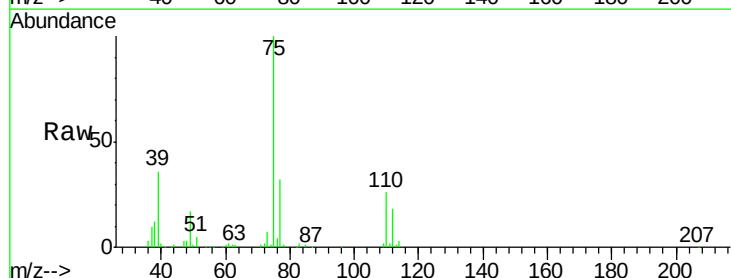
Acq: 23 Oct 2020 20:37

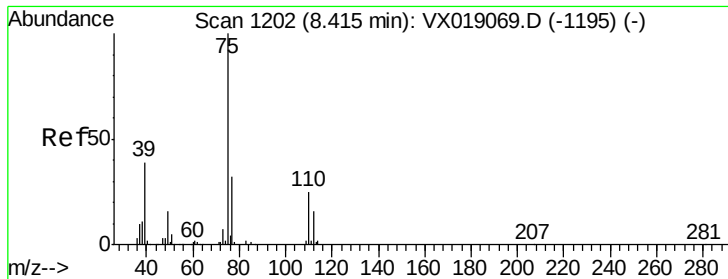
Tgt Ion: 75 Resp: 65445

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 17.138 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

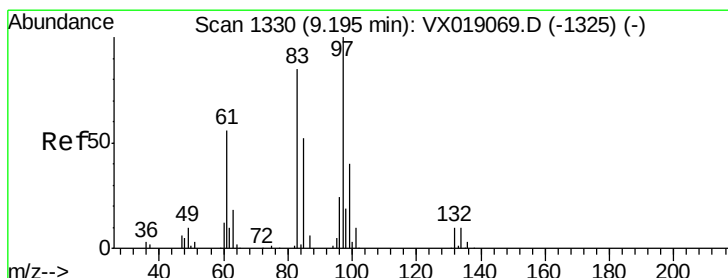
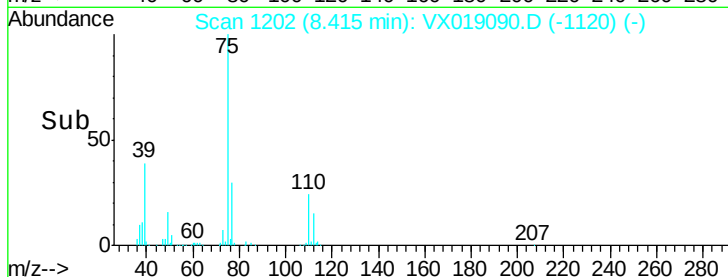
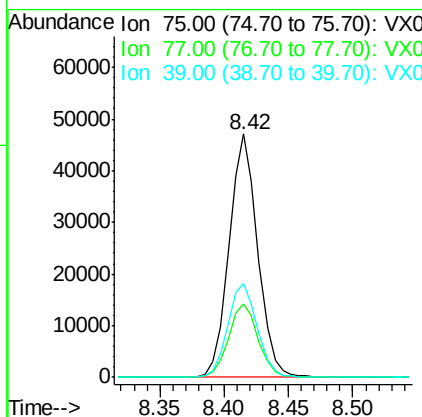
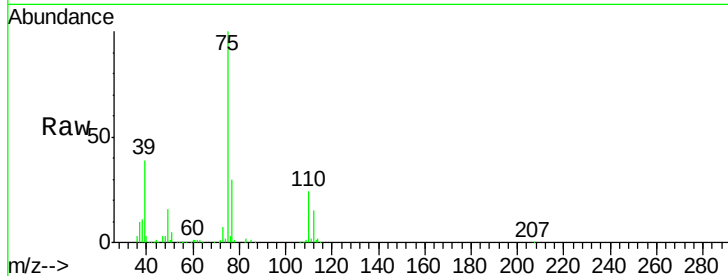
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	73007
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.8	38.8
39	38.7	31.0	46.6

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 17.895 ug/l

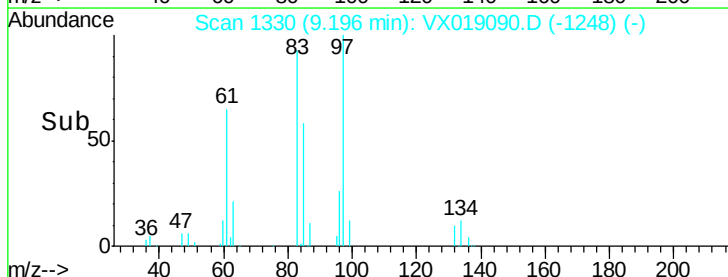
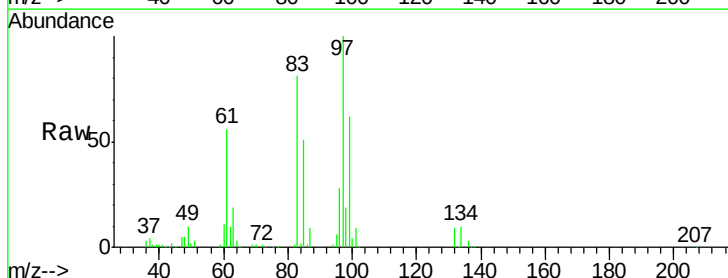
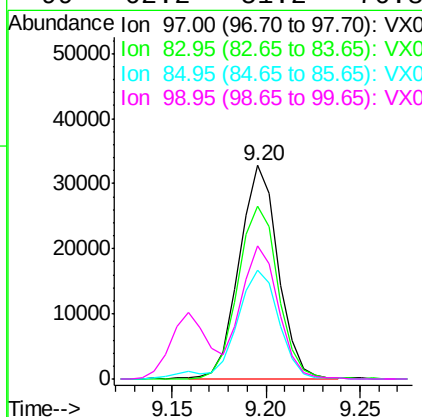
RT: 9.20 min Scan# 1330

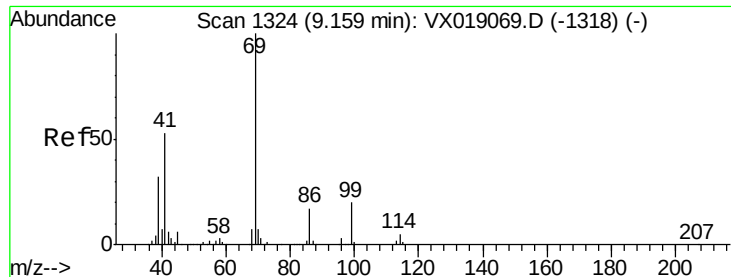
Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Tgt Ion:	97	Resp:	46880
Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.8	101.6
85	50.6	43.5	65.3
99	62.2	51.2	76.8





#51

Ethyl methacrylate

Concen: 17.451 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

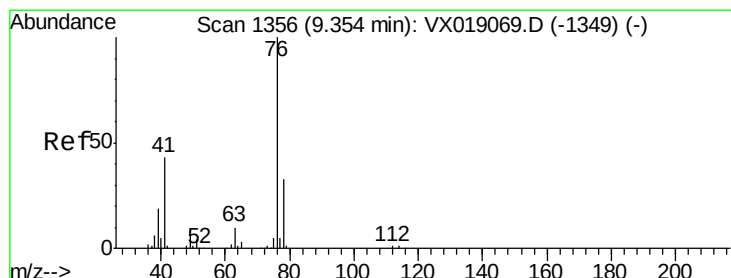
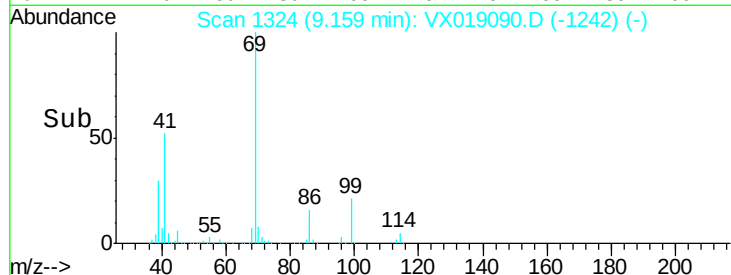
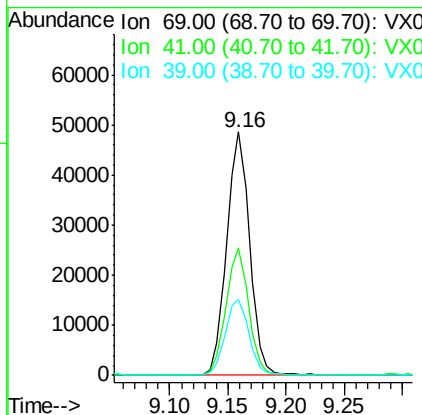
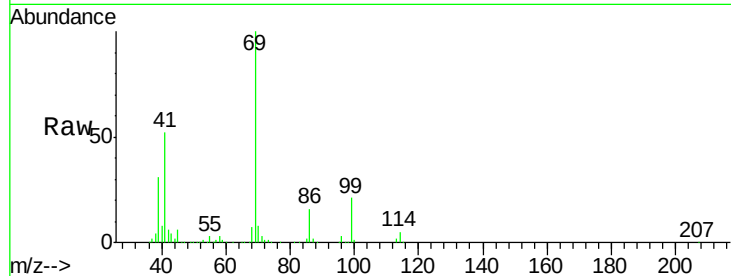
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	66705
Ion	Ratio	Lower	Upper
69	100		
41	52.5	26.5	79.4
39	30.9	16.2	48.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.216 ug/l

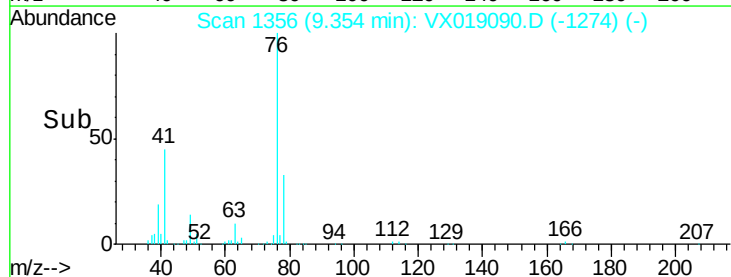
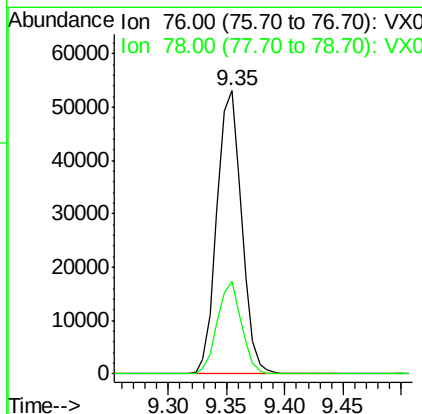
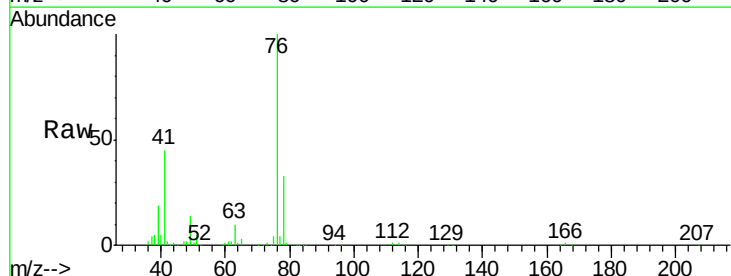
RT: 9.35 min Scan# 1356

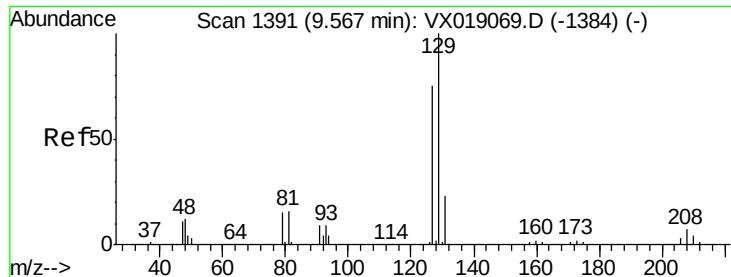
Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Tgt Ion:	76	Resp:	77743
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	65.2





#53

Dibromochloromethane

Concen: 16.838 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 49105

Ion Ratio Lower Upper

129 100

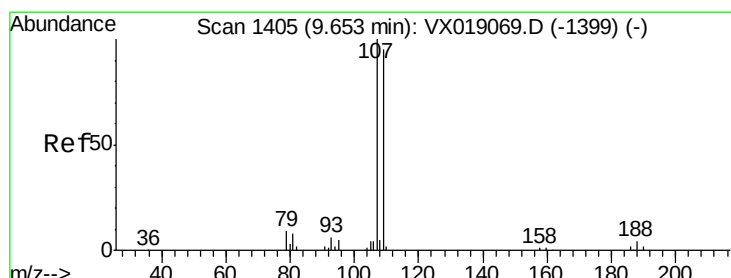
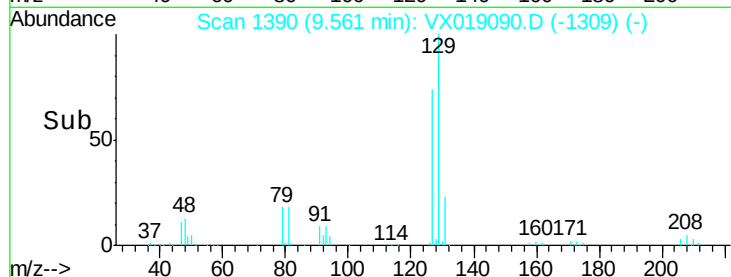
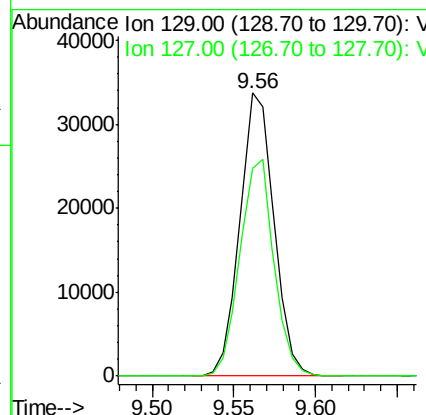
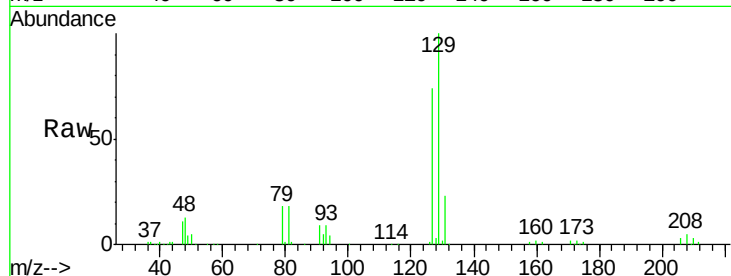
127 76.7 38.4 115.1

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 17.236 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019090.D

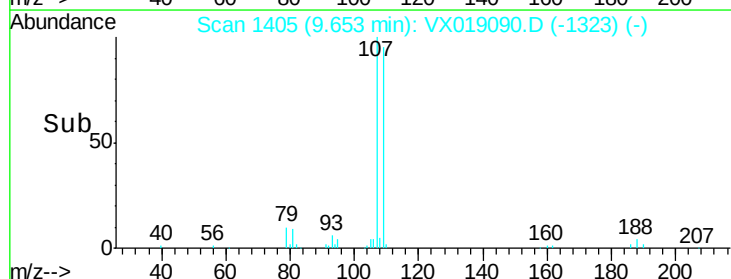
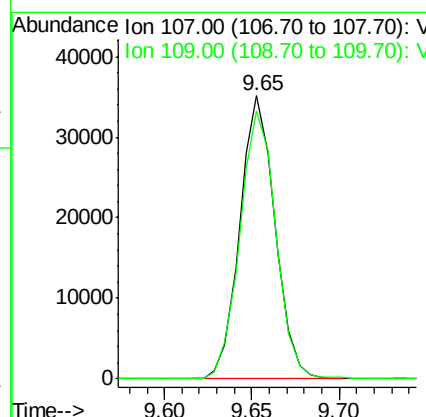
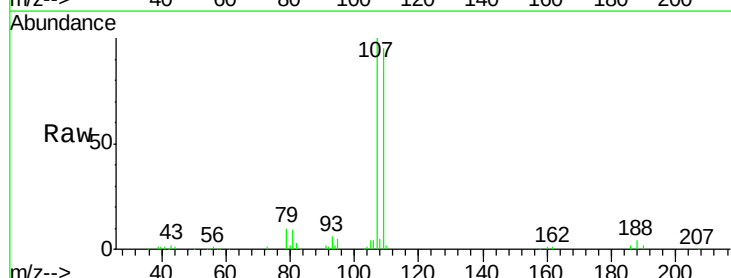
Acq: 23 Oct 2020 20:37

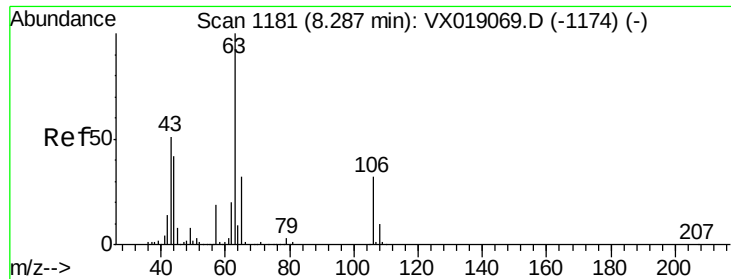
Tgt Ion:107 Resp: 49066

Ion Ratio Lower Upper

107 100

109 96.7 74.6 112.0





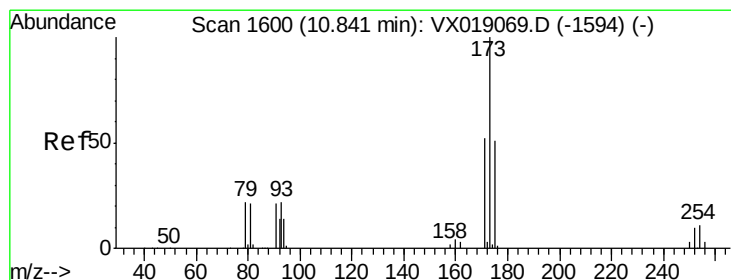
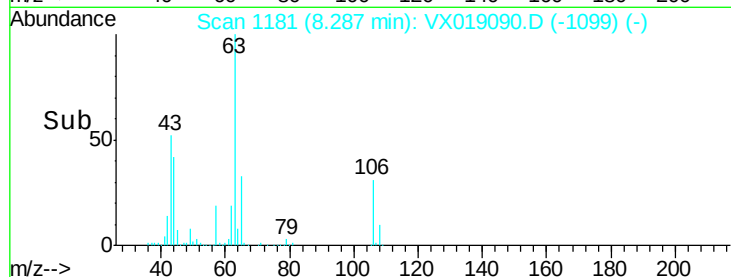
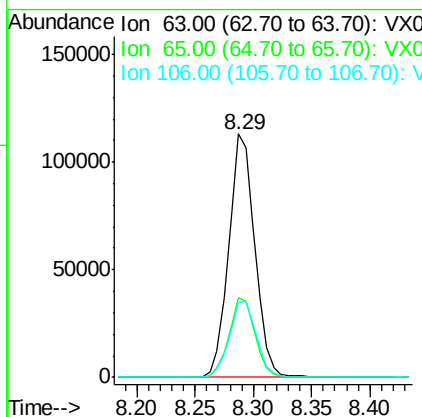
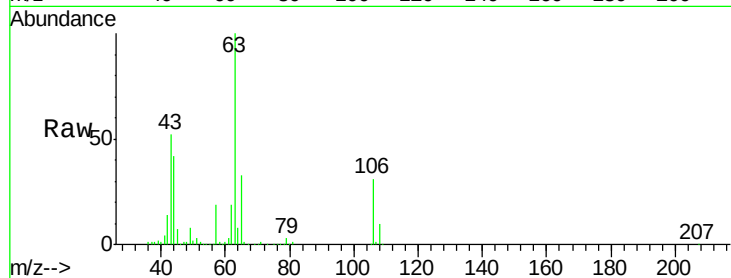
#55
2-Chloroethyl vinyl ether
Concen: 86.107 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	26.0	39.0
106	32.6	25.9	38.9

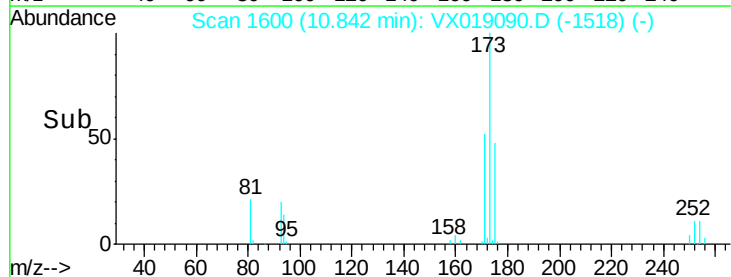
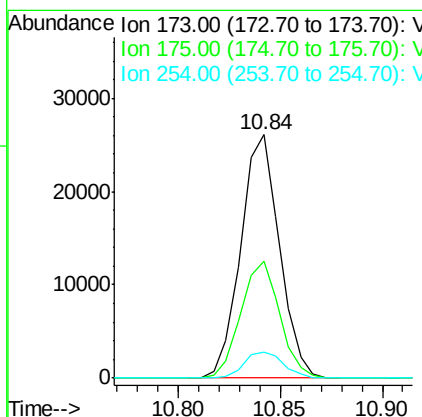
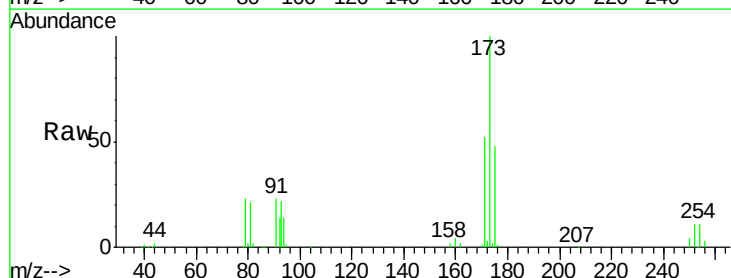
Manual Integrations
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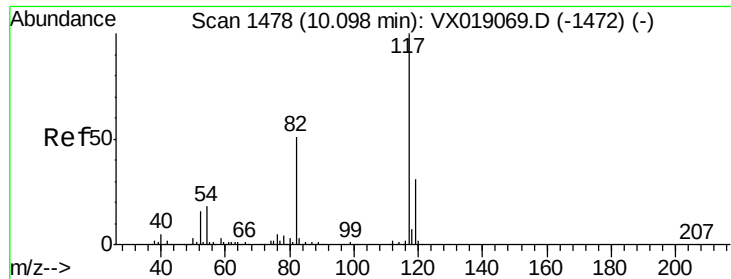
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#56
Bromoform
Concen: 16.844 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.6	59.4
254	10.9	8.6	13.0





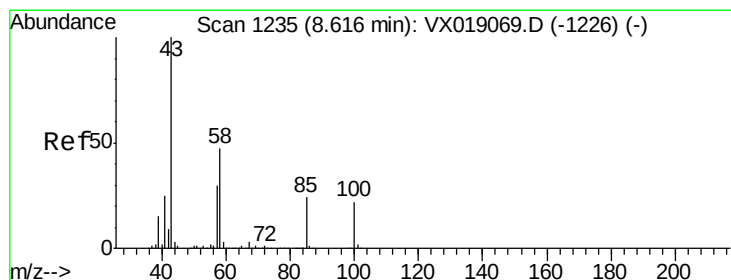
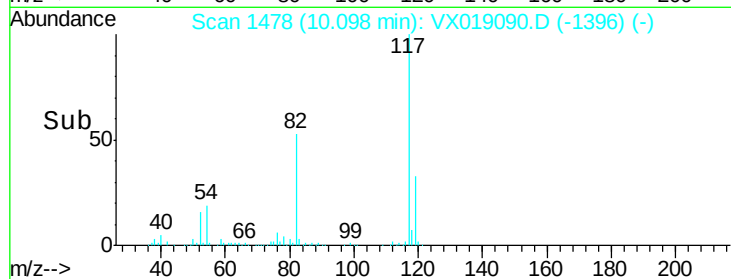
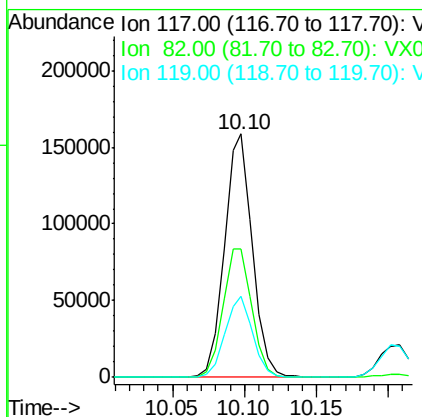
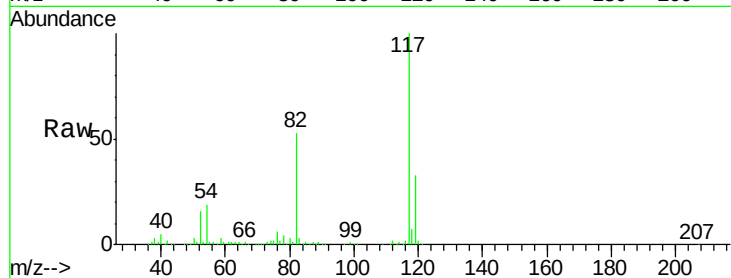
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	21593		
82	54.9	42.5	63.7	
119	32.9	25.6	38.4	

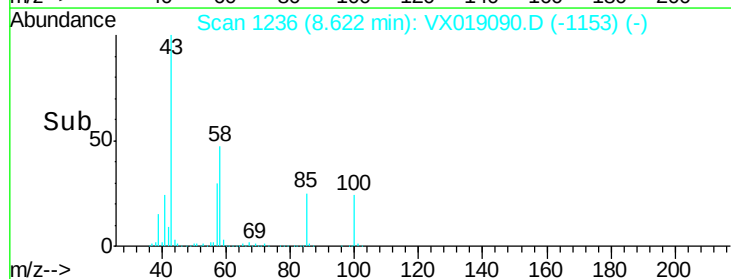
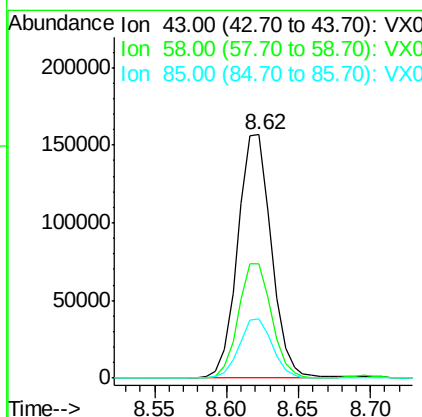
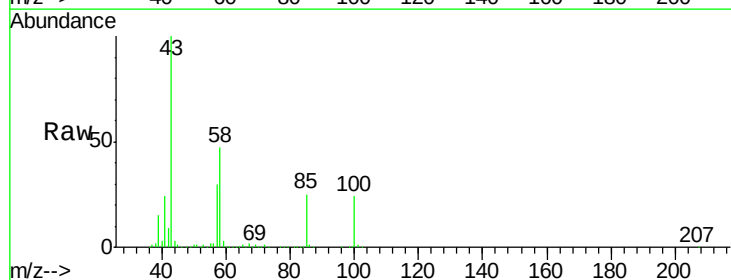
Manual Integrations
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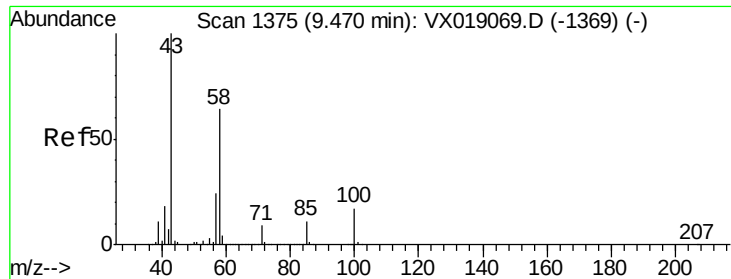
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#58
4-Methyl-2-Pentanone
Concen: 93.407 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	253955		
58	46.7	37.6	56.4	
85	24.0	19.4	29.2	





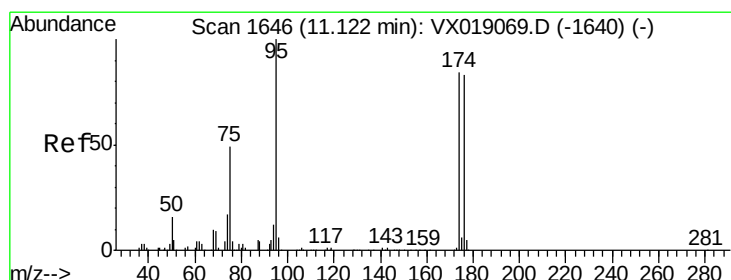
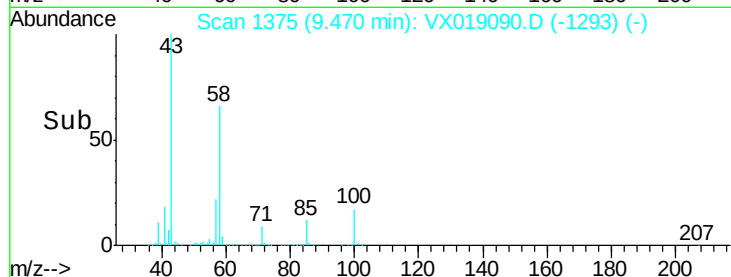
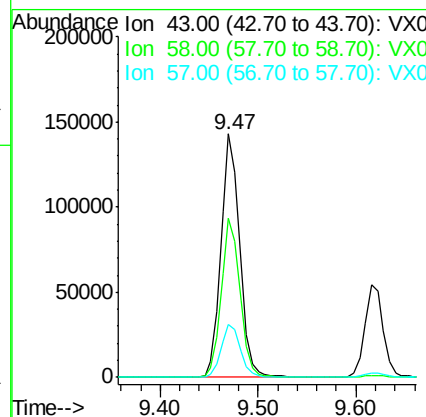
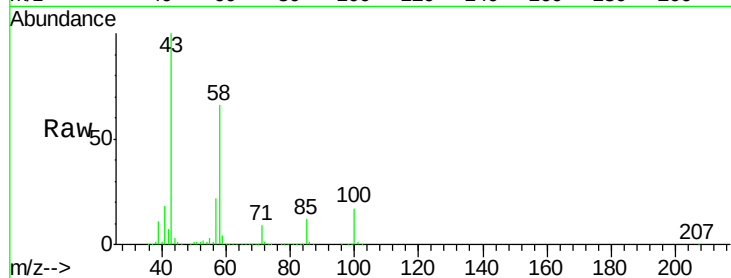
#59
2-Hexanone
Concen: 93.782 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.3	51.9	77.9
57	22.1	18.2	27.4

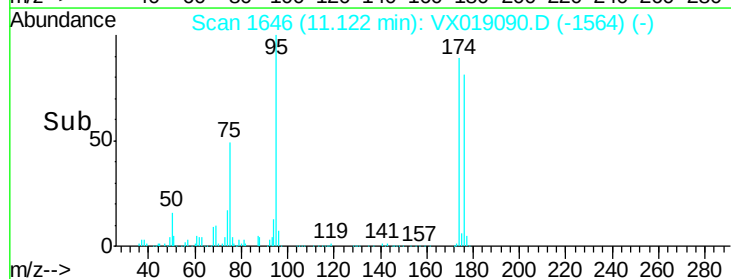
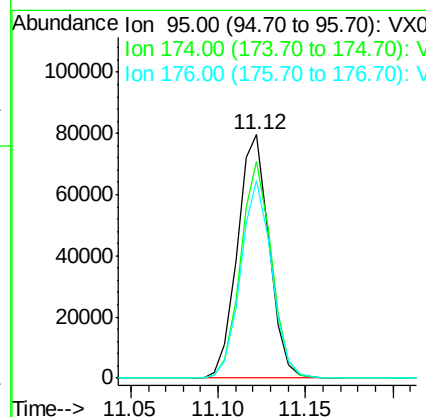
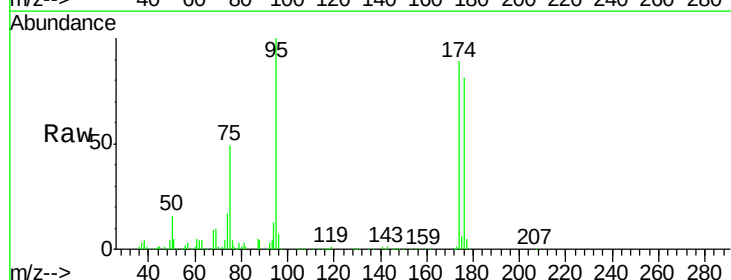
Manual Integrations
APPROVED

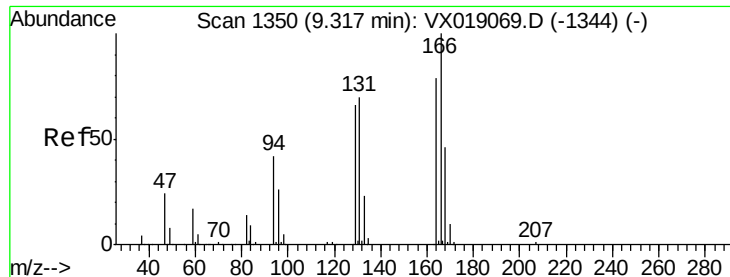
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 31.039 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.2	66.3	99.5
176	79.3	65.5	98.3





#61

Tetrachloroethene

Concen: 18.443 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 47170

Ion Ratio Lower Upper

164 100

166 124.2 101.9 152.9

129 88.9 67.0 100.6

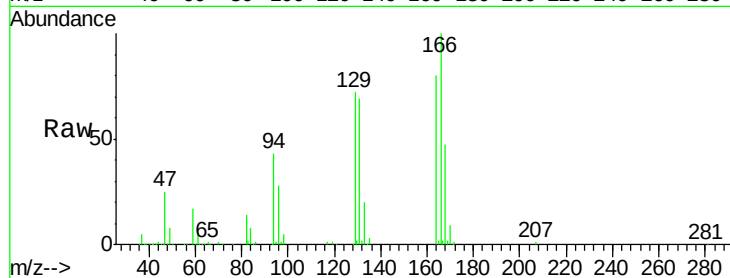
131 85.6 71.1 106.7

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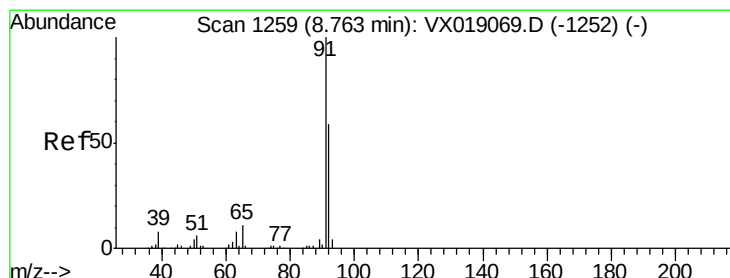
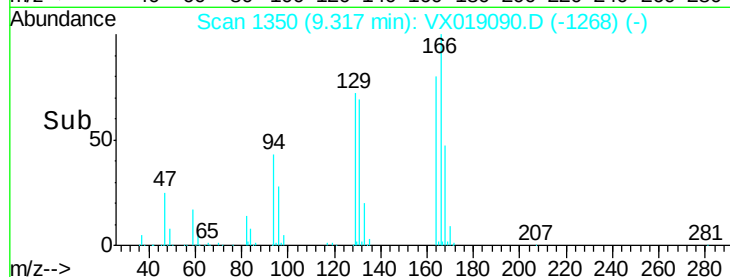
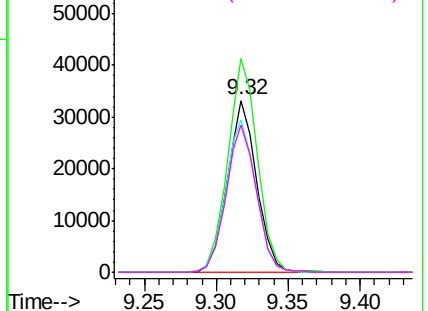
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.829 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019090.D

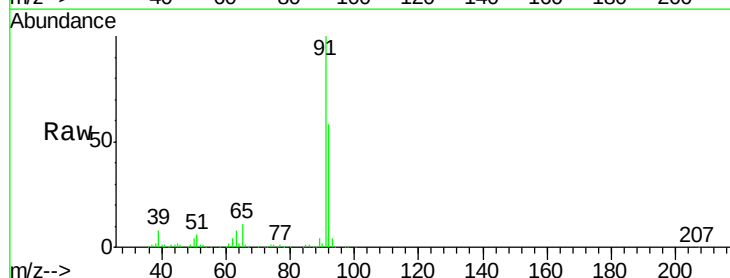
Acq: 23 Oct 2020 20:37

Tgt Ion: 91 Resp: 202013

Ion Ratio Lower Upper

91 100

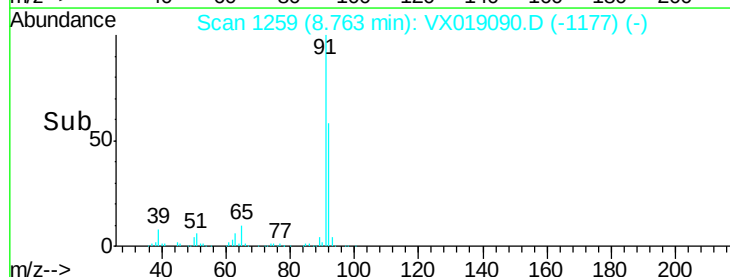
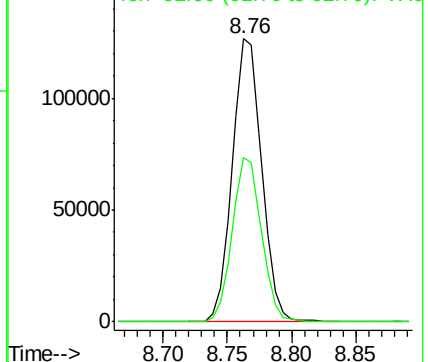
92 57.6 47.3 70.9

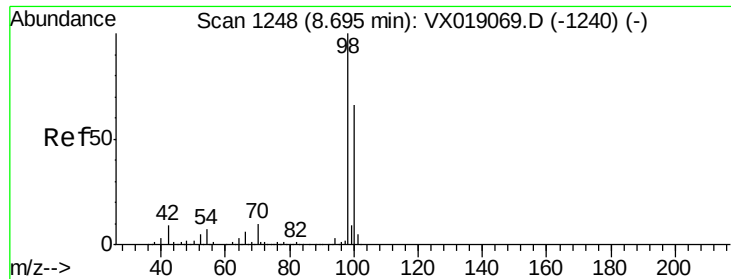


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





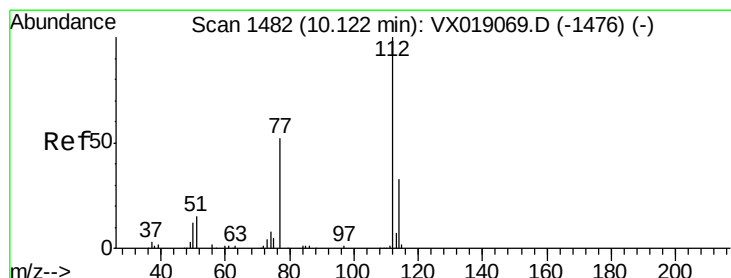
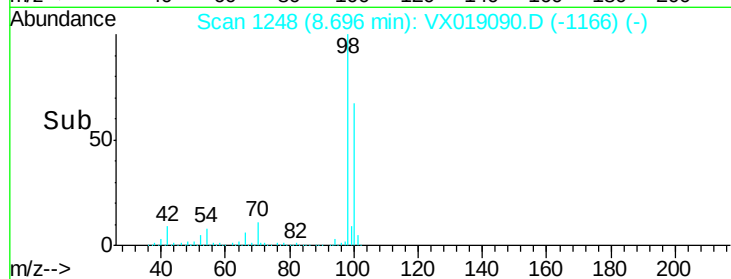
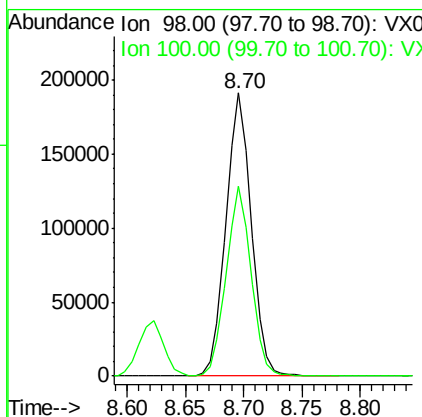
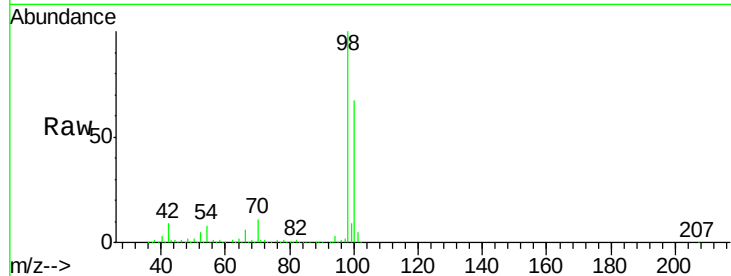
#63
Toluene-d8
Concen: 30.493 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 290254
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

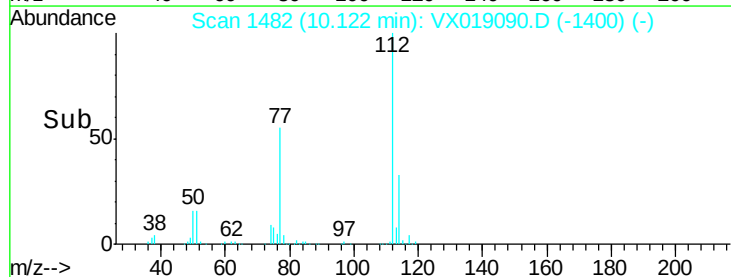
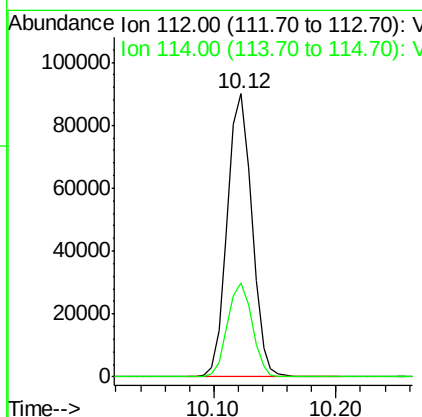
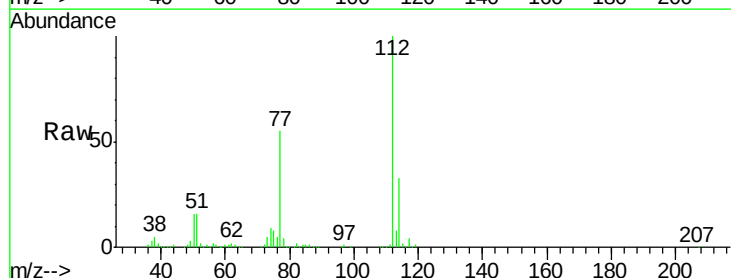
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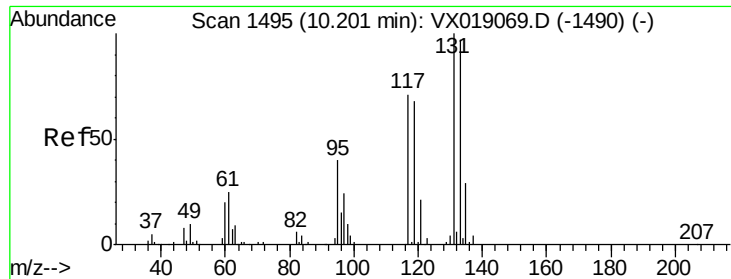
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#64
Chlorobenzene
Concen: 17.815 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion: 112 Resp: 125480
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.631 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

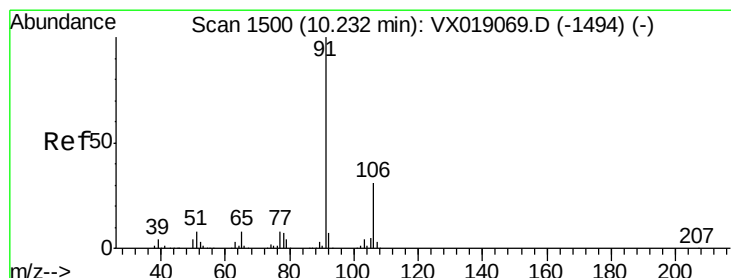
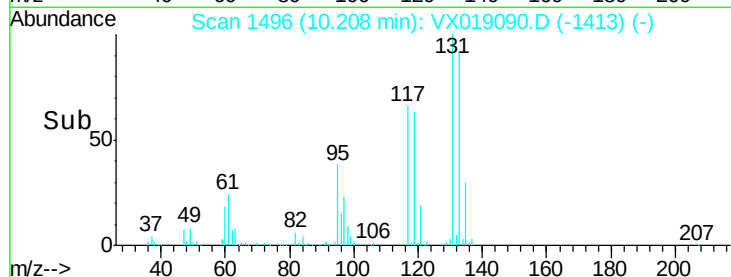
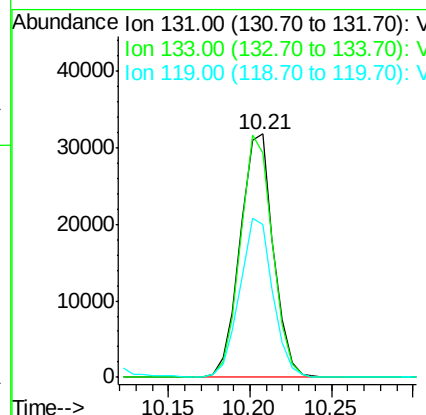
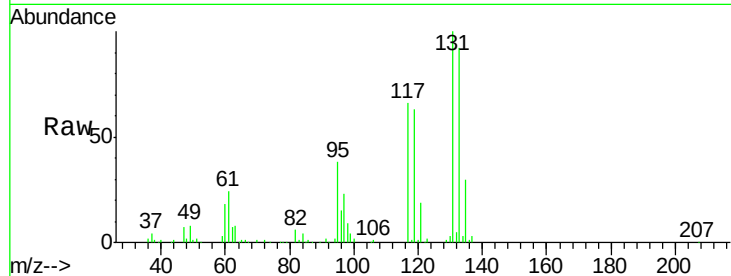
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.0	0.0	191.6
119	64.9	0.0	130.0

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#66

Ethyl Benzene

Concen: 17.891 ug/l

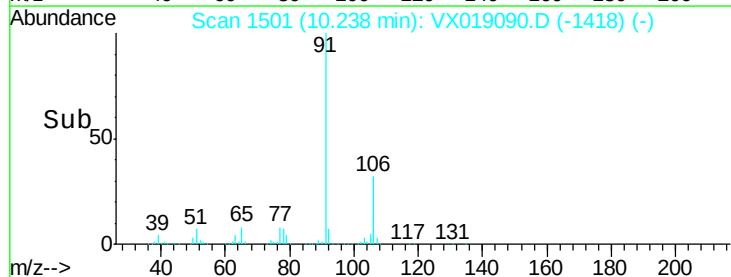
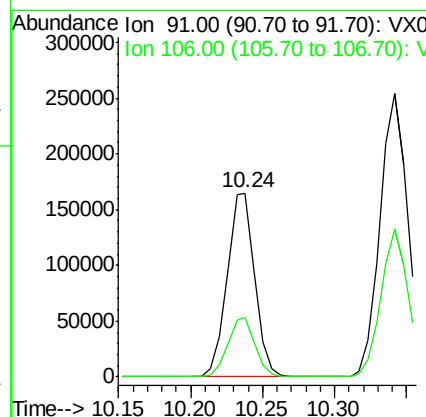
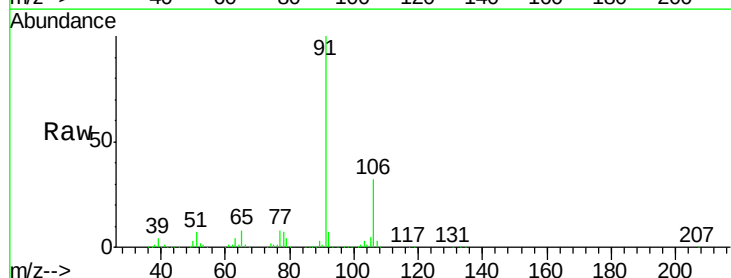
RT: 10.24 min Scan# 1501

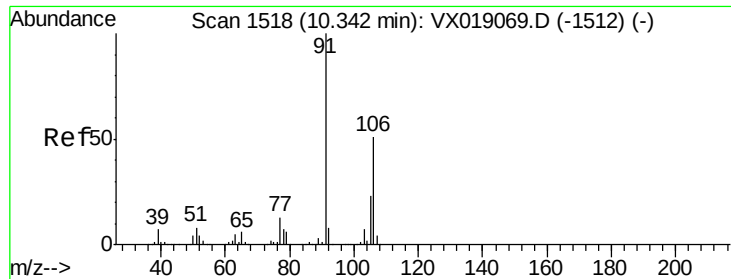
Delta R.T. 0.01 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.7	37.1





#67

m/p-Xylenes

Concen: 36.361 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 172264

Ion Ratio Lower Upper

106 100

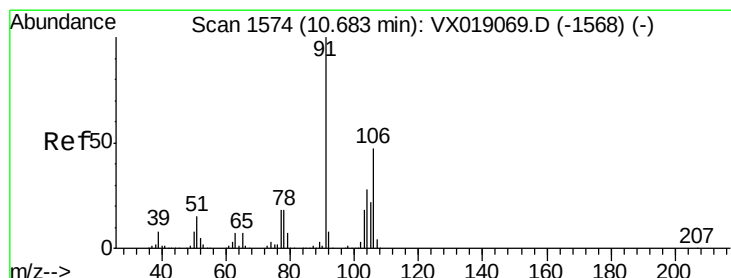
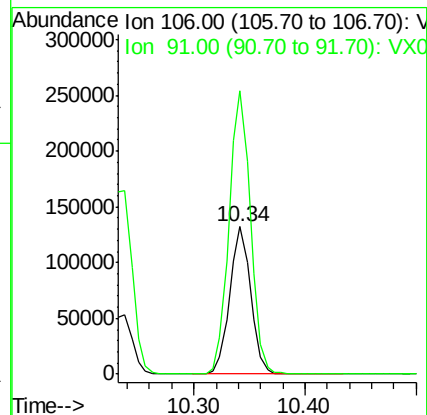
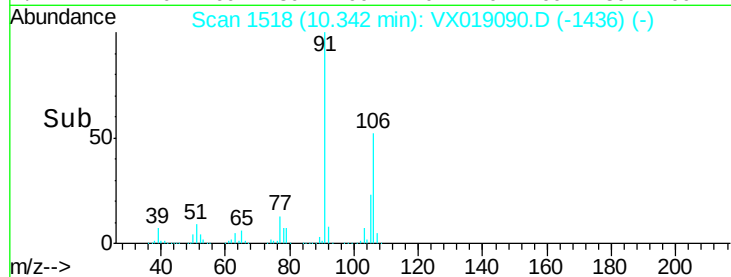
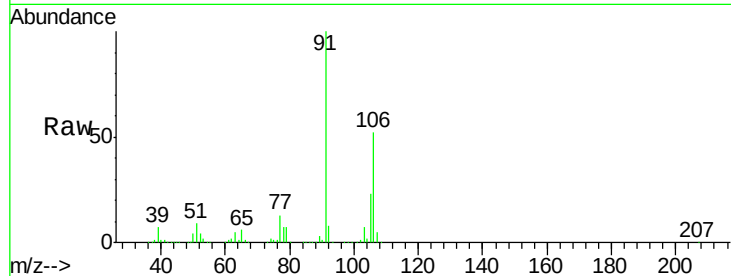
91 195.4 157.5 236.3

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#68

o-Xylene

Concen: 18.006 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019090.D

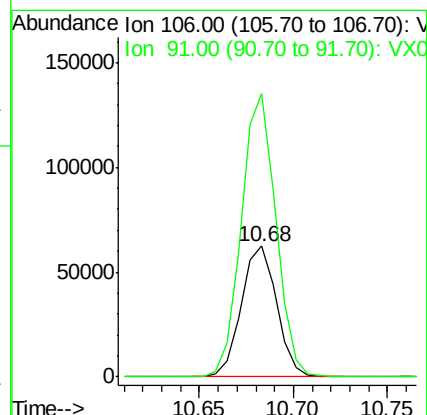
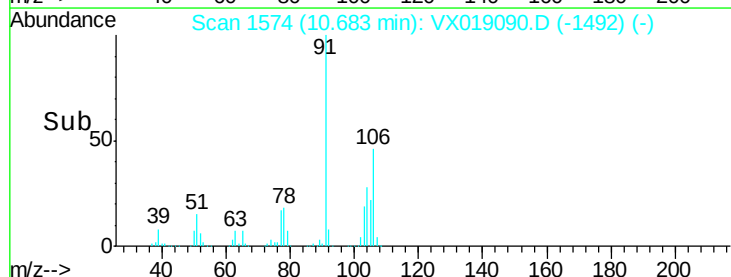
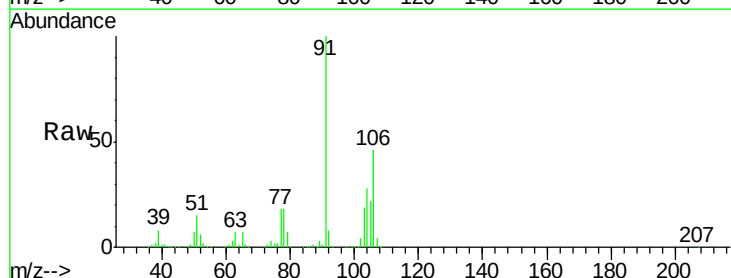
Acq: 23 Oct 2020 20:37

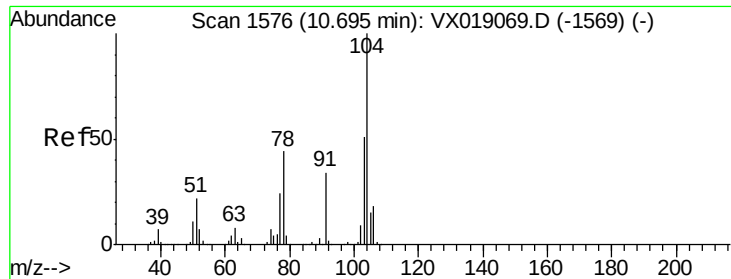
Tgt Ion:106 Resp: 81360

Ion Ratio Lower Upper

106 100

91 210.2 103.8 311.4





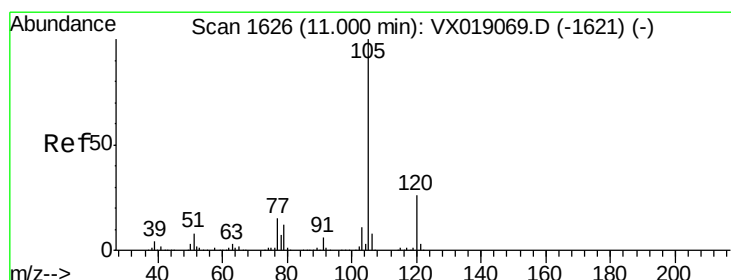
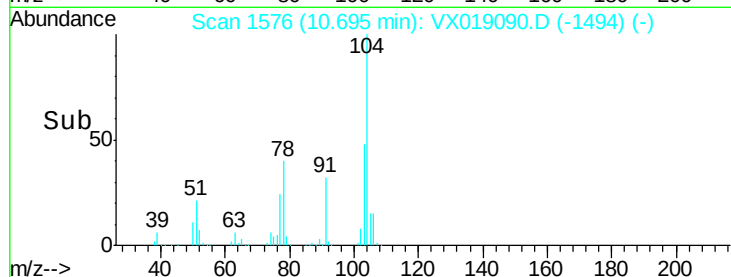
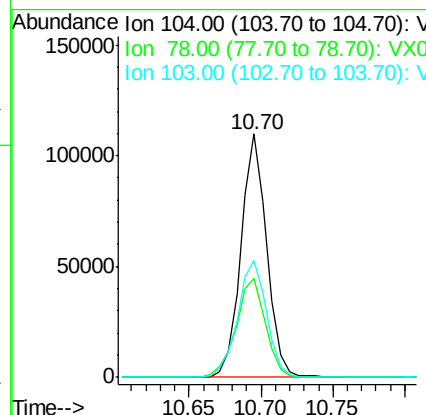
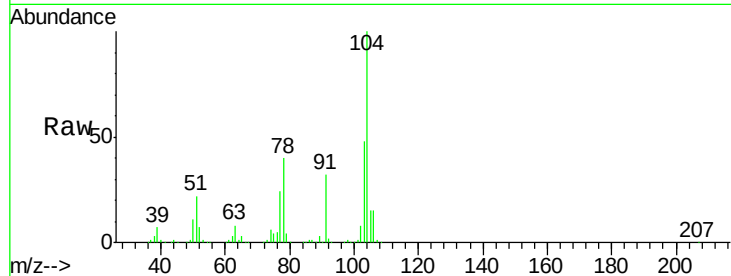
#69
Stvrene
Concen: 17.930 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	136495		
78	46.5		38.6	58.0
103	54.5		43.4	65.2

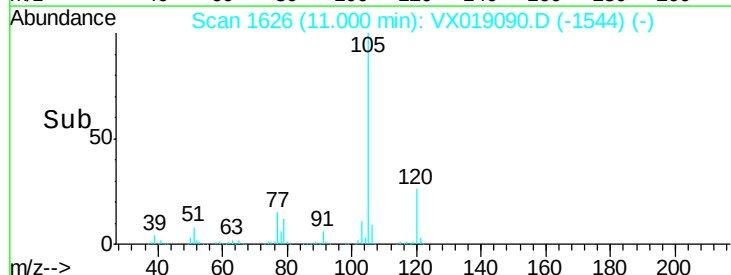
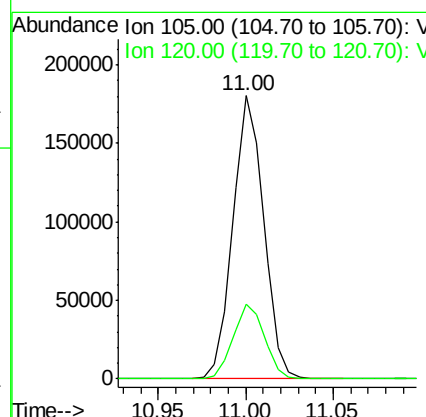
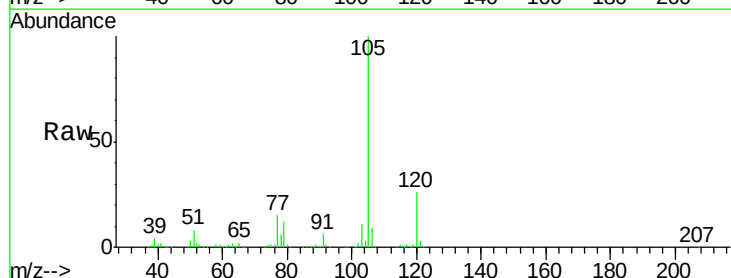
Manual Integrations
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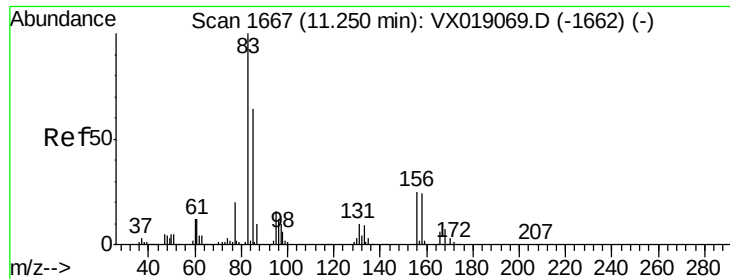
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#70
Isopropylbenzene
Concen: 18.199 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221105		
120	26.9		19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 19.641 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 68888

Ion Ratio Lower Upper

83 100

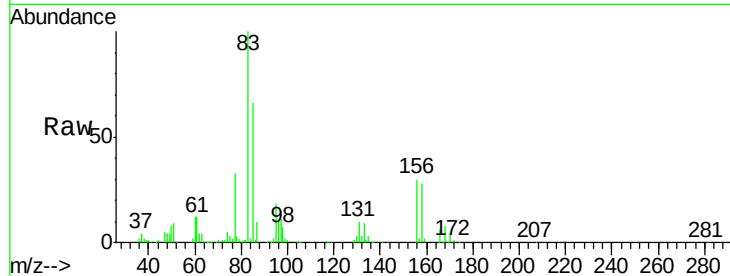
131 10.0 5.2 15.6

85 65.2 32.5 97.4

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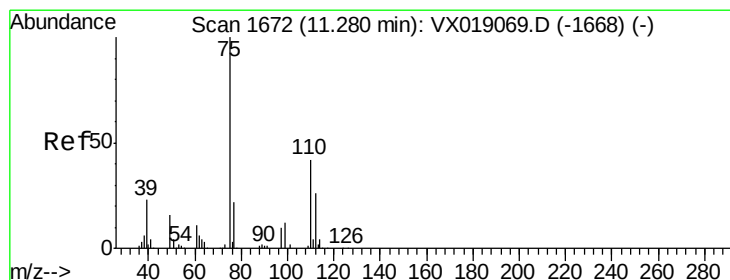
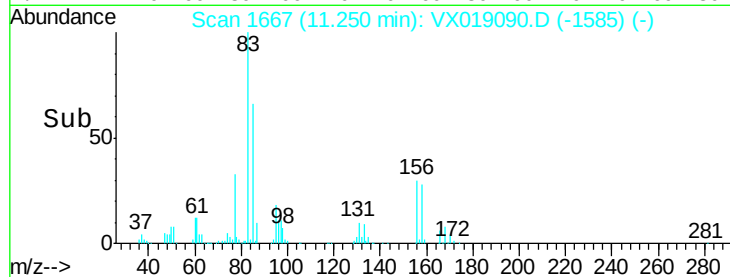
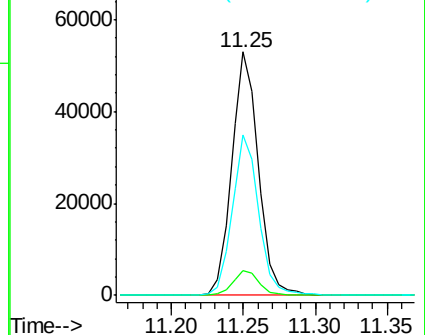
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 20.076 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019090.D

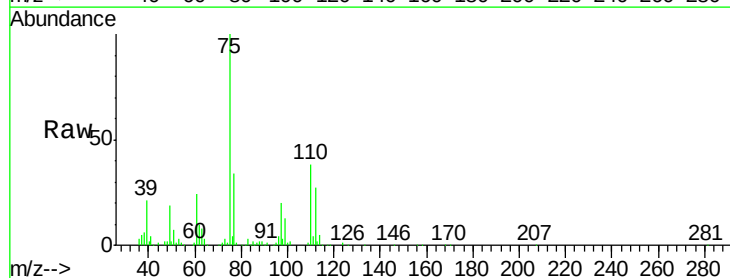
Acq: 23 Oct 2020 20:37

Tgt Ion: 75 Resp: 63323

Ion Ratio Lower Upper

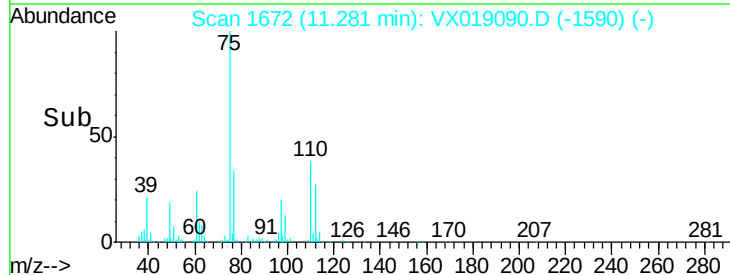
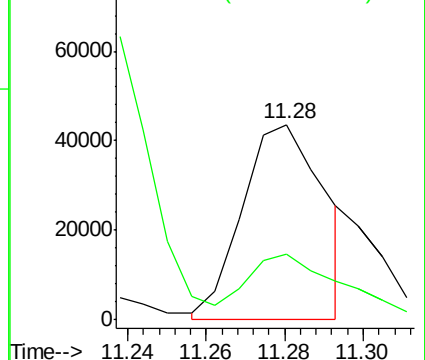
75 100

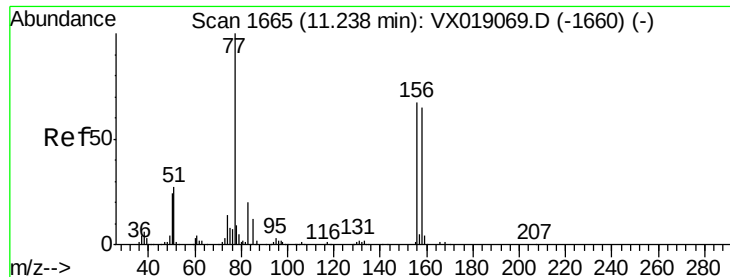
77 39.2 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.527 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

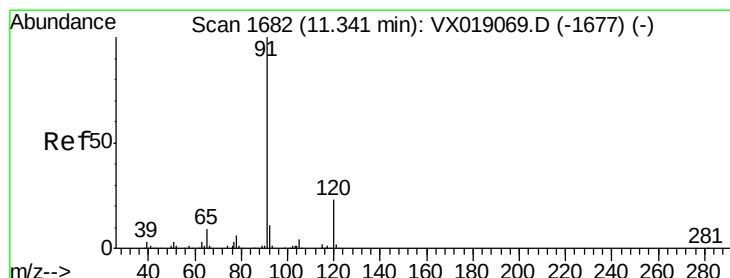
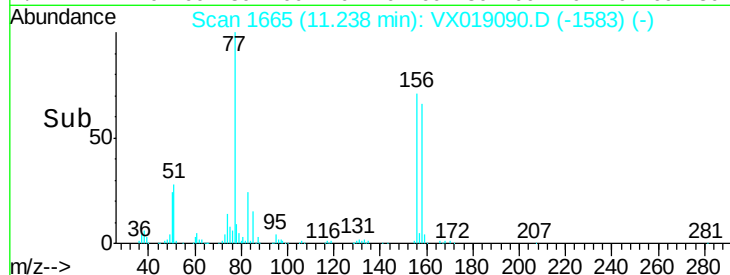
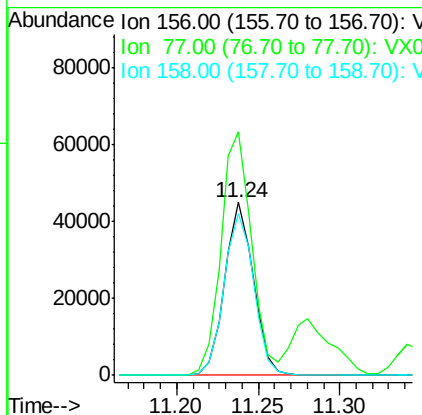
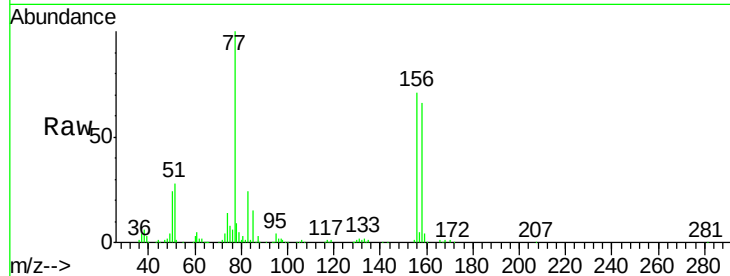
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	55011
Ion Ratio	Lower	Upper	
156	100		
77	149.8	0.0	299.6
158	96.4	0.0	192.2

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#74

n-propylbenzene

Concen: 18.341 ug/l

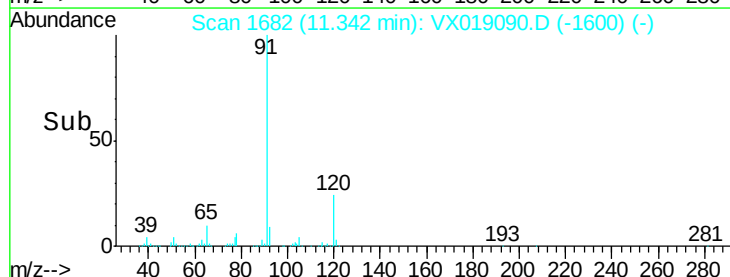
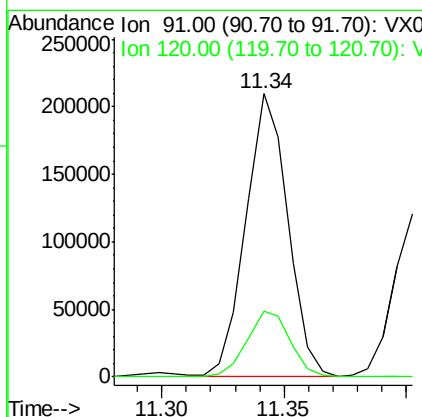
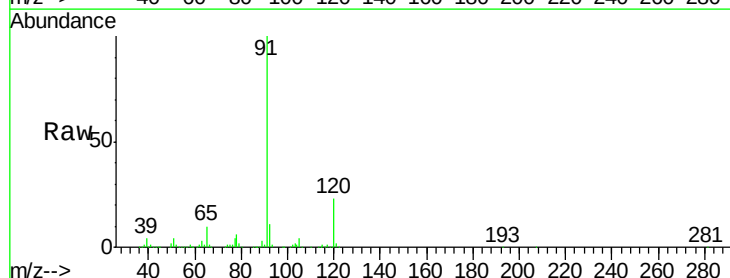
RT: 11.34 min Scan# 1682

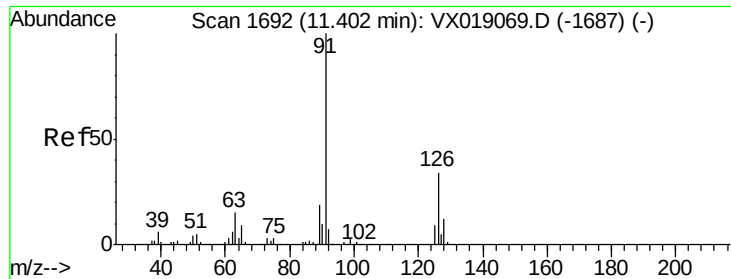
Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Tgt Ion:	91	Resp:	252300
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	46.6





#75

2-Chlorotoluene

Concen: 19.058 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019090.D

Acq: 23 Oct 2020 20:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 148296

Ion Ratio Lower Upper

91 100

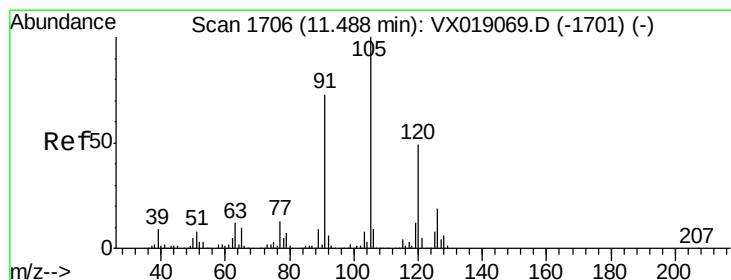
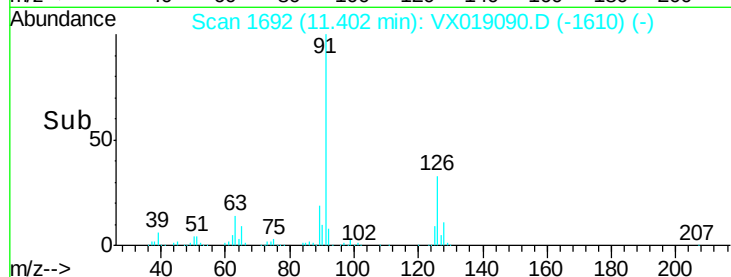
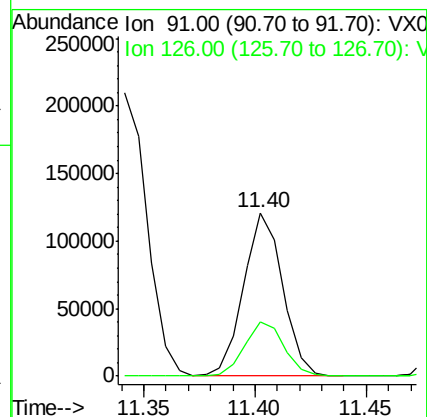
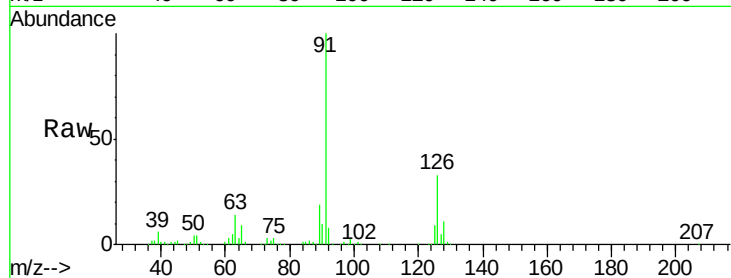
126 33.7 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 18.639 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019090.D

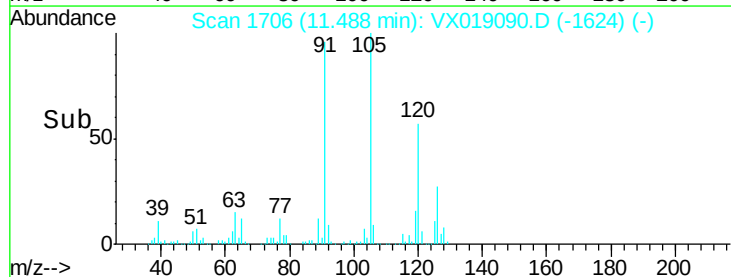
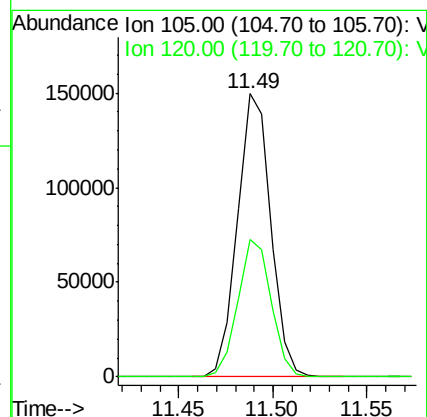
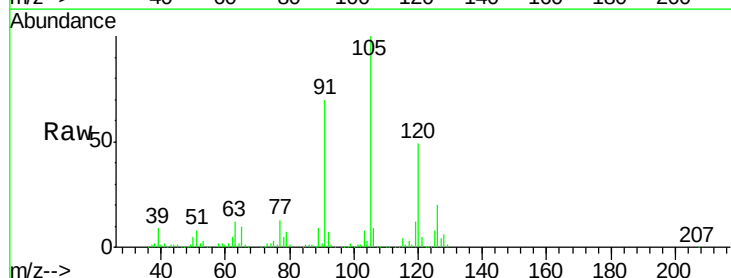
Acq: 23 Oct 2020 20:37

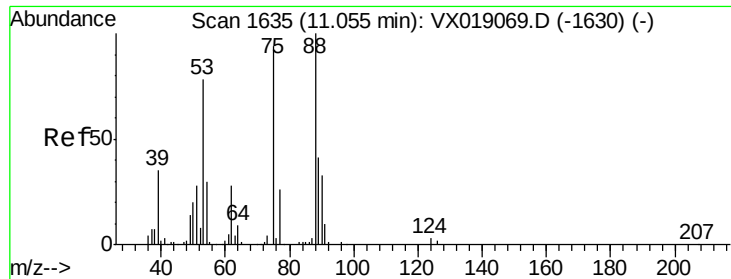
Tgt Ion: 105 Resp: 183755

Ion Ratio Lower Upper

105 100

120 48.8 0.0 100.2





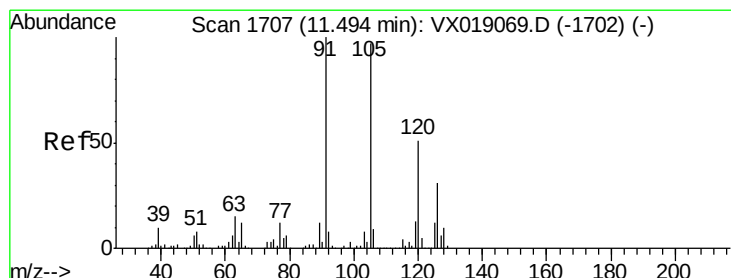
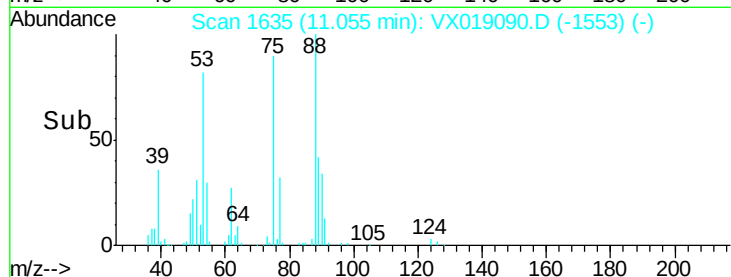
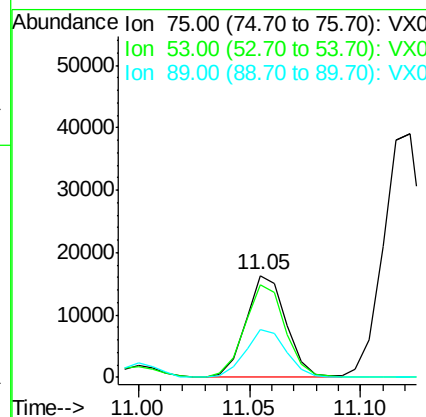
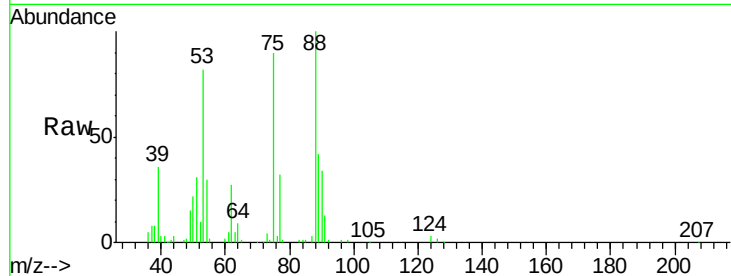
#77
t-1,4-Dichloro-2-butene
Concen: 16.412 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.2	41.6	124.8
89	47.0	21.8	65.3

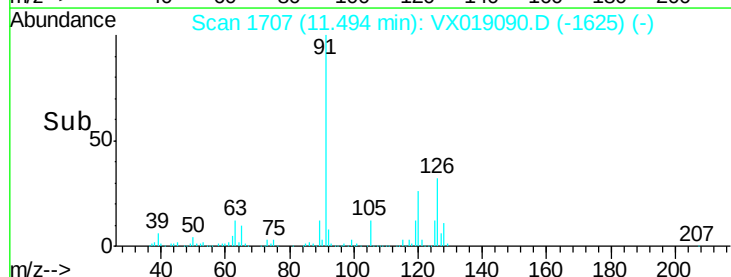
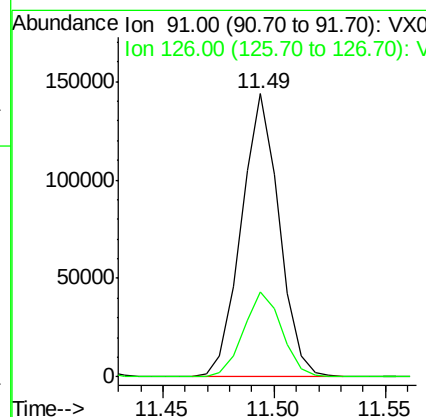
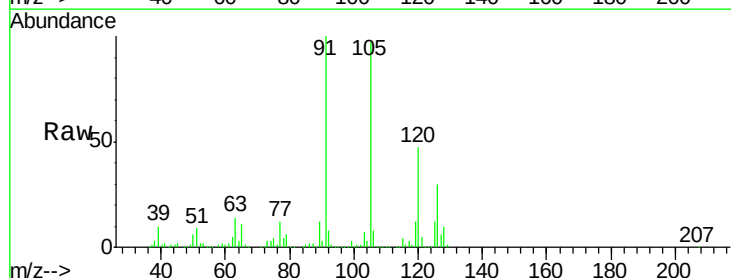
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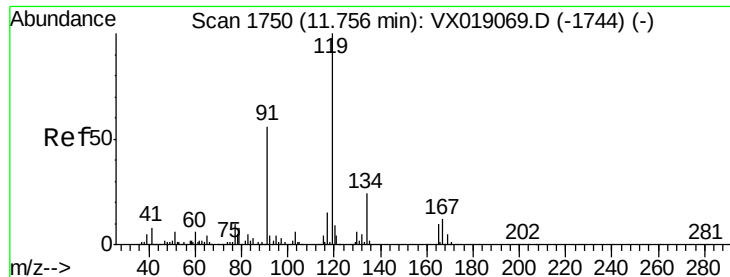
MMDadoda
10/26/2020 11:16:07 AM



#78
4-Chlorotoluene
Concen: 18.641 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.2





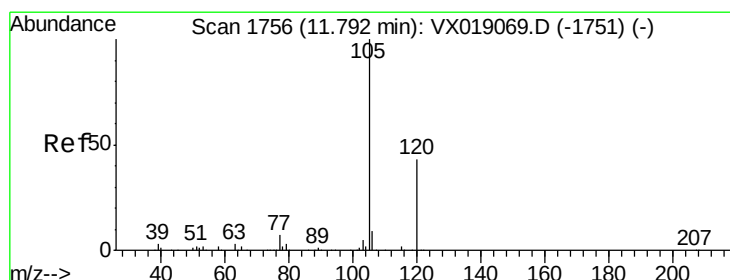
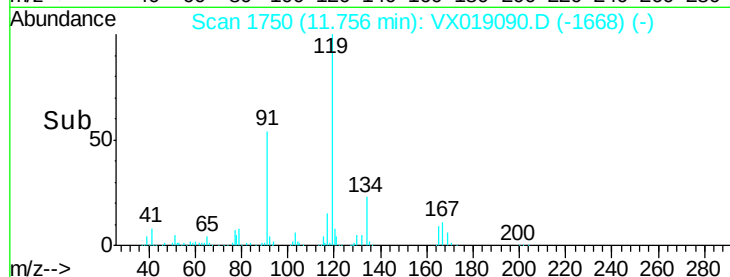
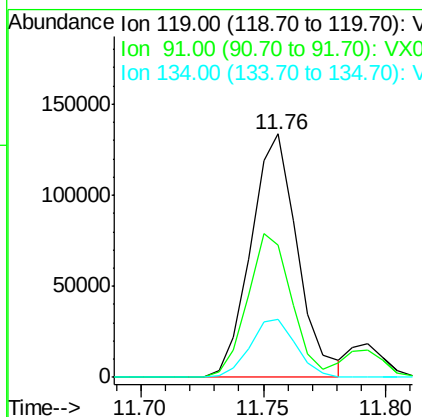
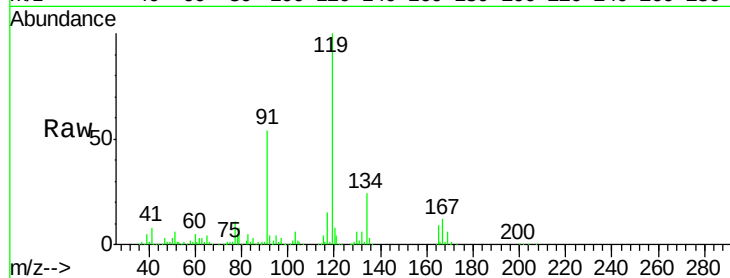
#79
tert-butylbenzene
Concen: 18.299 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177647		
91	56.1	0.0	111.4	
134	23.5	0.0	47.2	

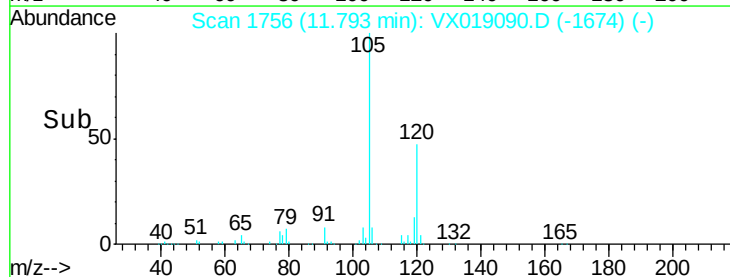
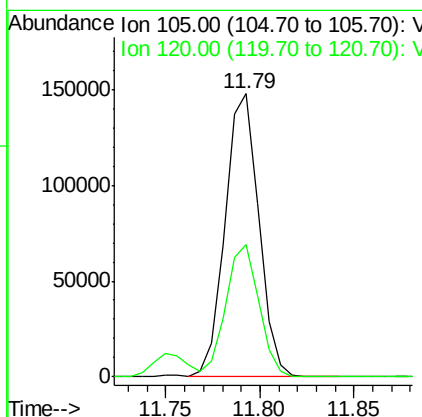
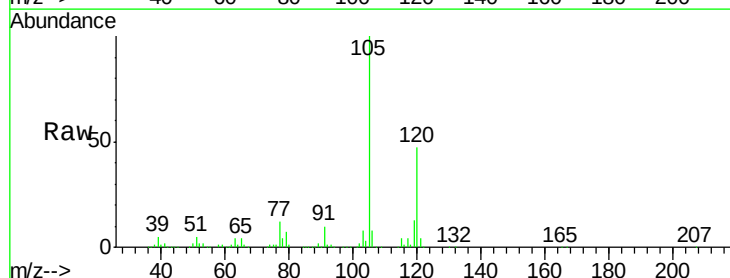
Manual Integrations
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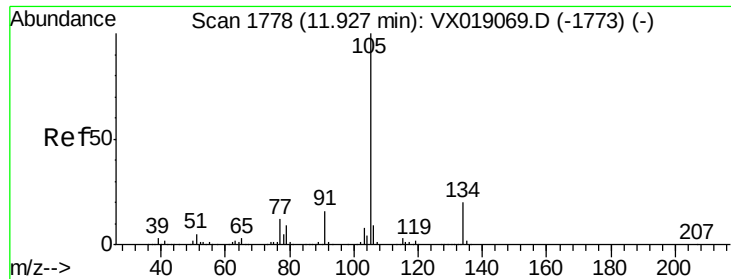
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#80
1,2,4-Trimethylbenzene
Concen: 18.681 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183070		
120	46.1	0.0	92.0	





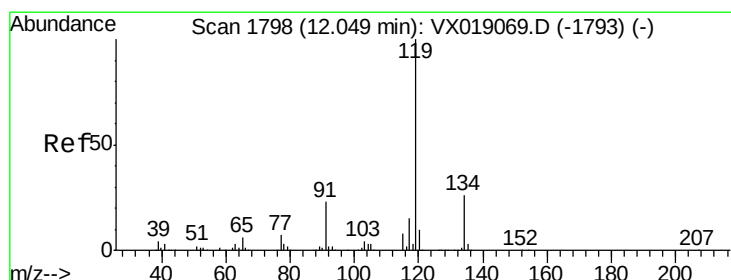
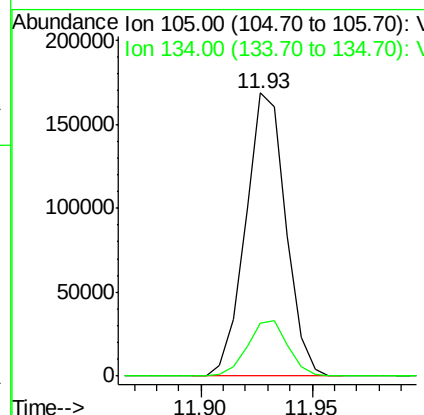
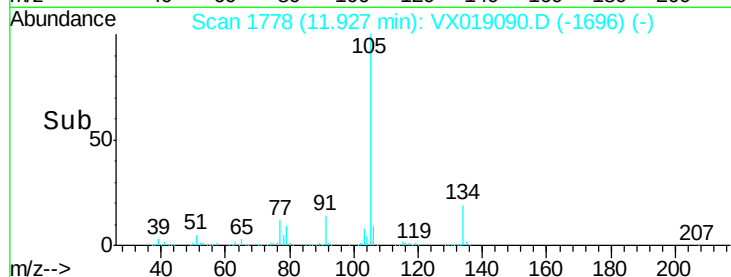
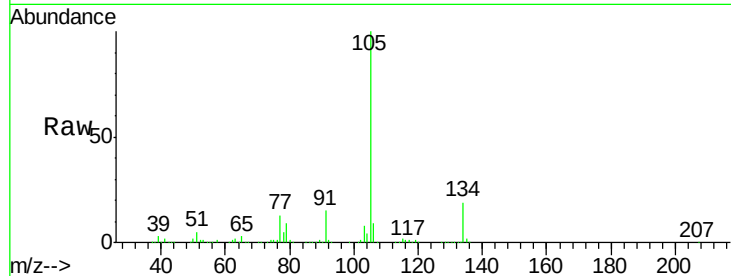
#81
 sec-Butylbenzene
 Concen: 18.504 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	212559		
134	19.7	0.0	40.8	

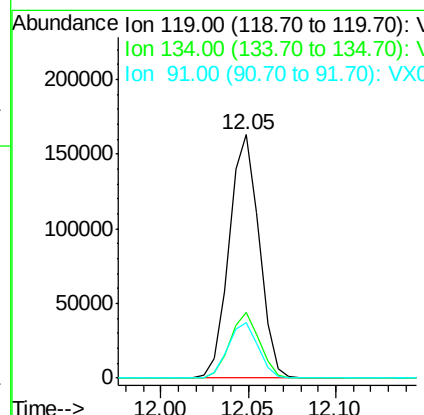
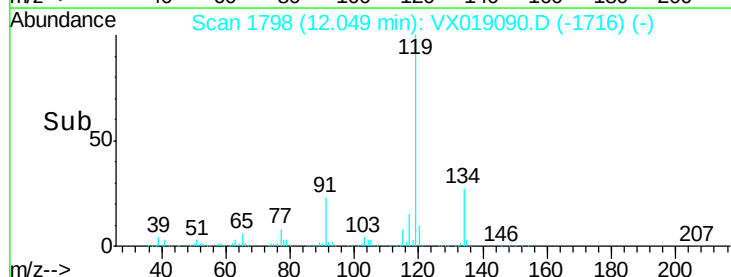
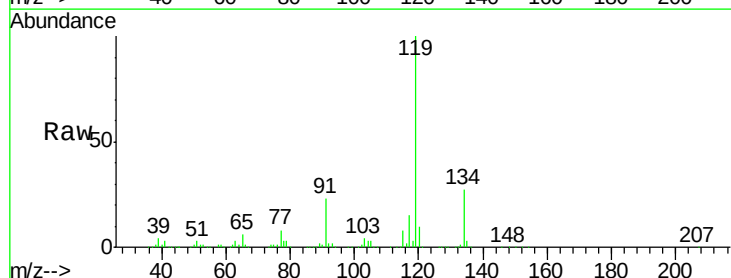
Manual Integrations
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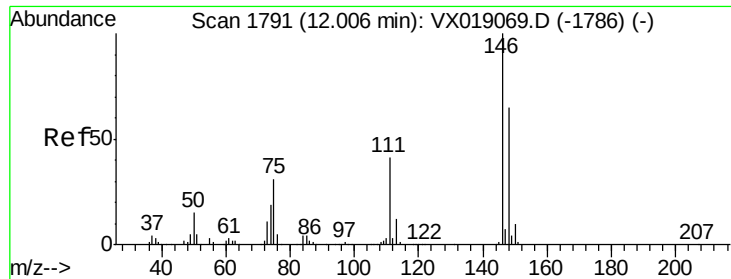
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#82
 p-Isopropyltoluene
 Concen: 18.300 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	193735		
134	26.6	0.0	52.0	
91	22.8	0.0	45.6	





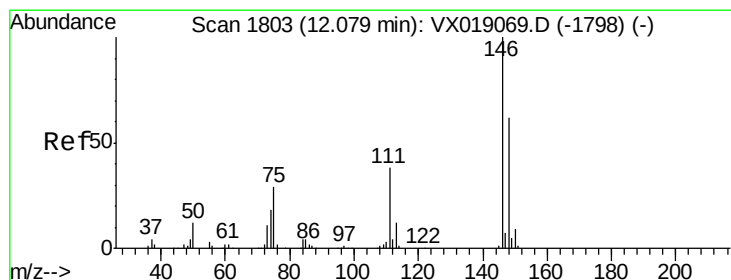
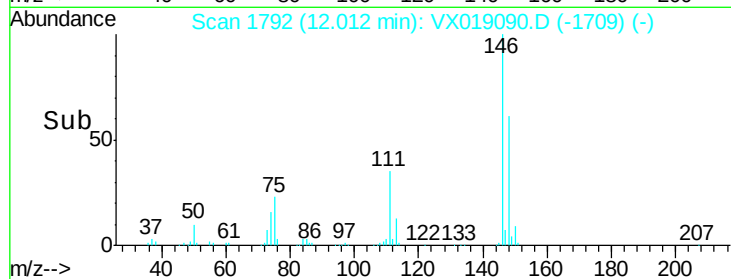
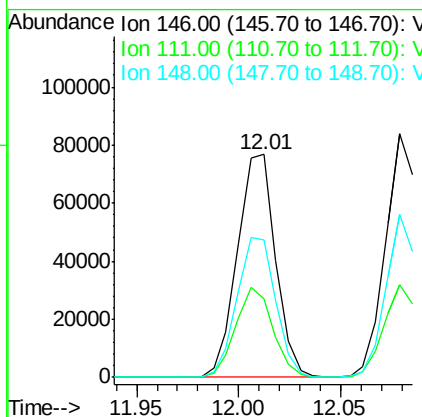
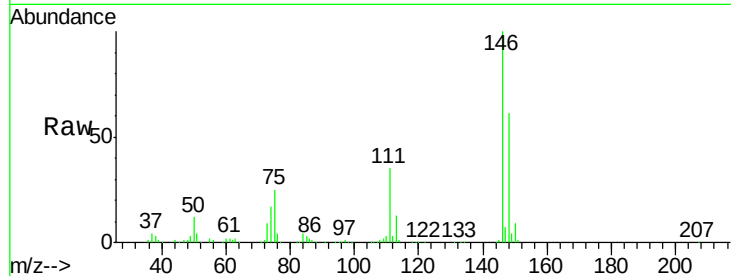
#83
 1,3-Dichlorobenzene
 Concen: 18.809 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	59.9
148	63.5	32.2	96.6

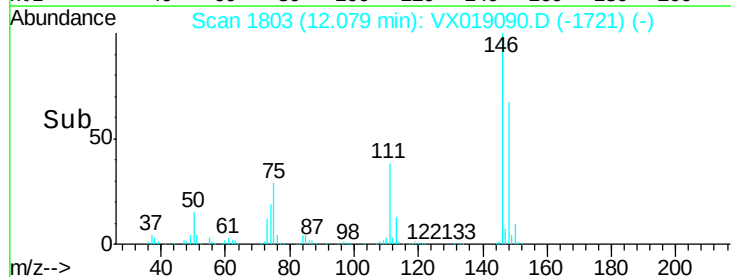
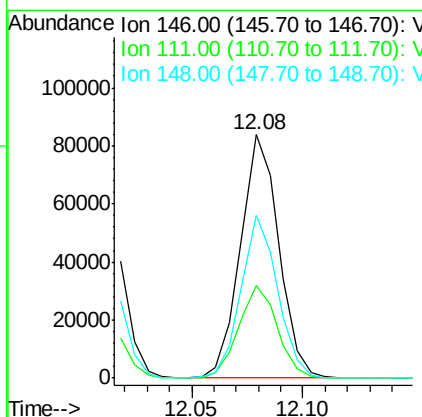
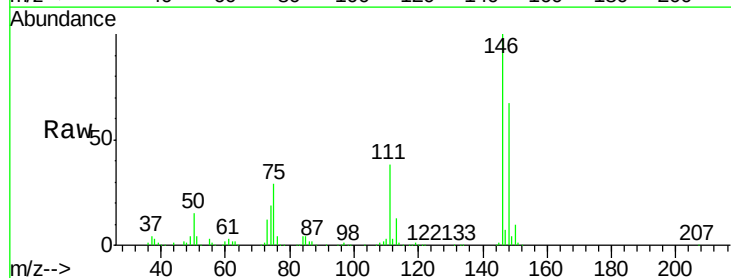
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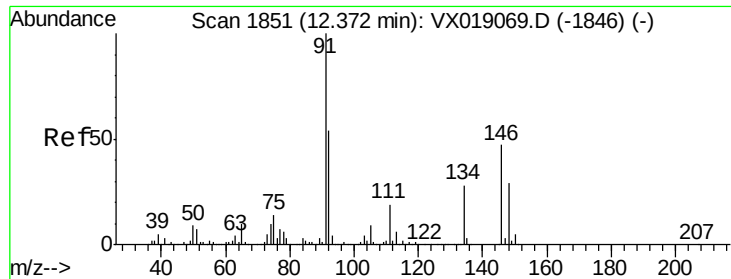
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#84
 1,4-Dichlorobenzene
 Concen: 18.721 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.2	31.6	95.0





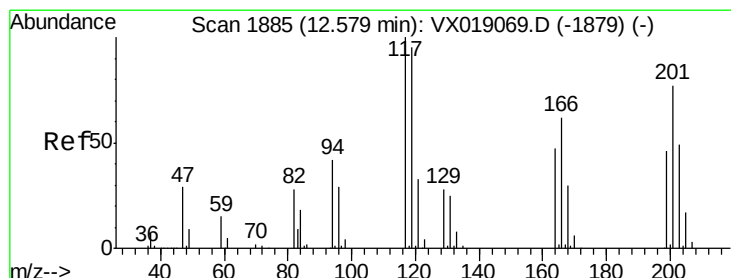
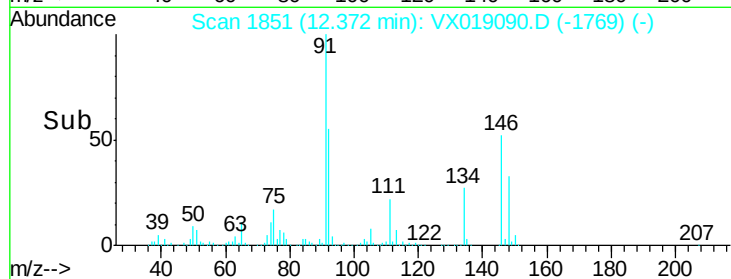
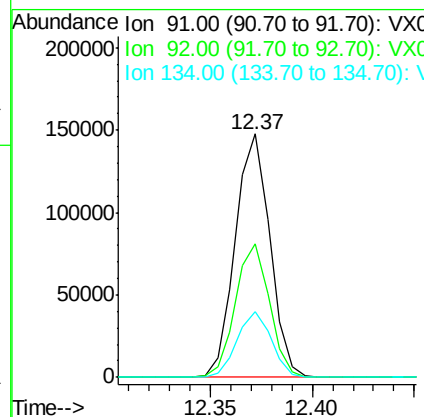
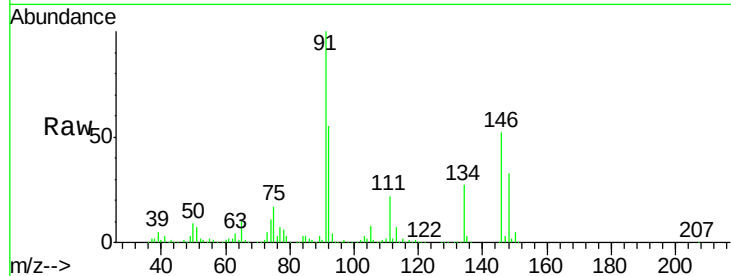
#85
n-Butylbenzene
Concen: 18.248 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	172971		
92	53.7	0.0	107.4	
134	26.9	0.0	54.6	

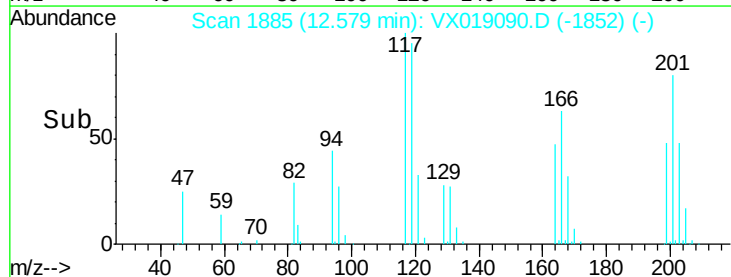
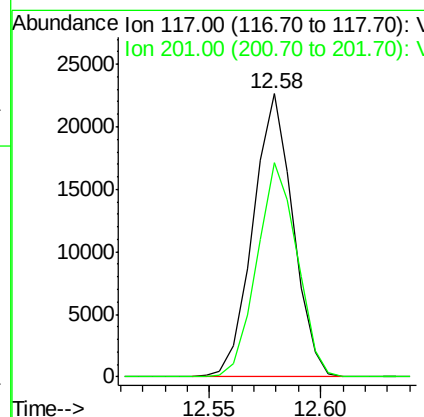
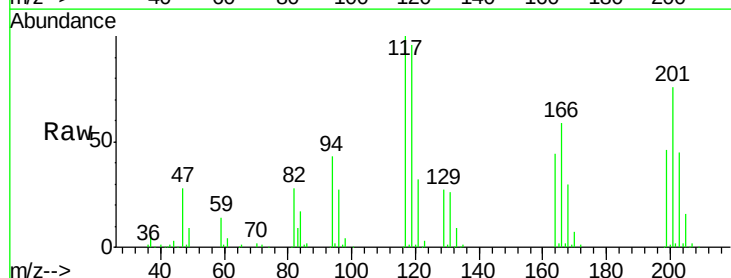
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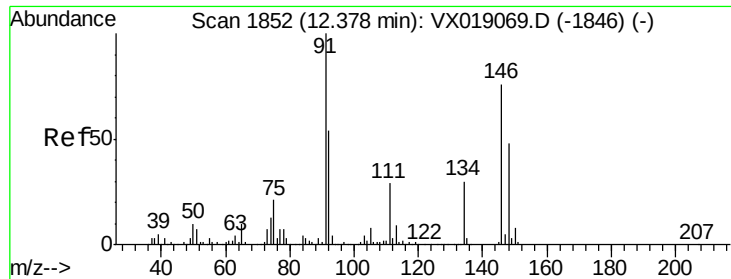
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#86
Hexachloroethane
Concen: 17.396 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28287		
201	76.4	38.4	115.1	





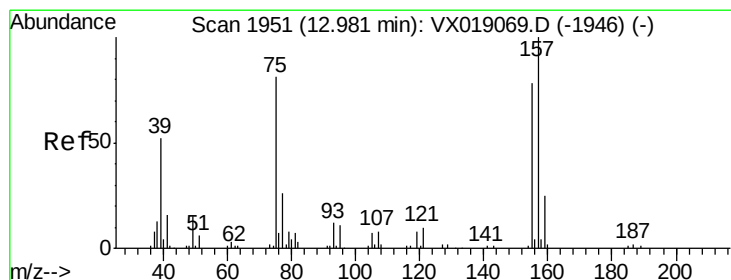
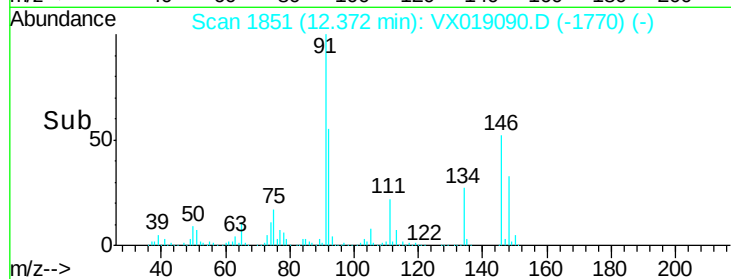
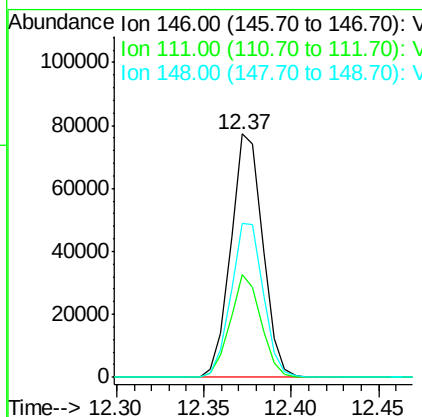
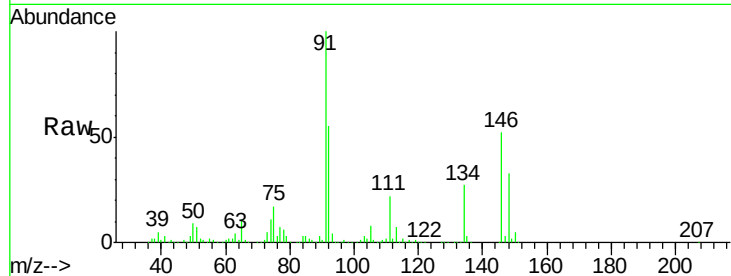
#87
 1,2-Dichlorobenzene
 Concen: 19.361 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	63.9	32.1	96.5

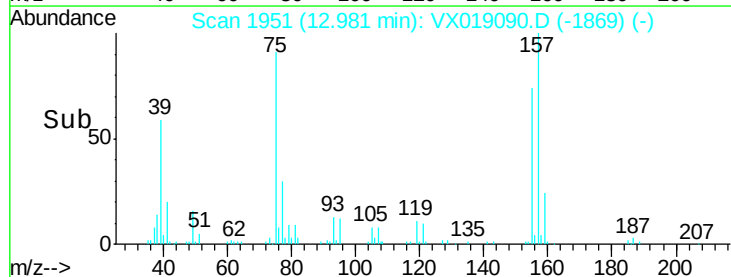
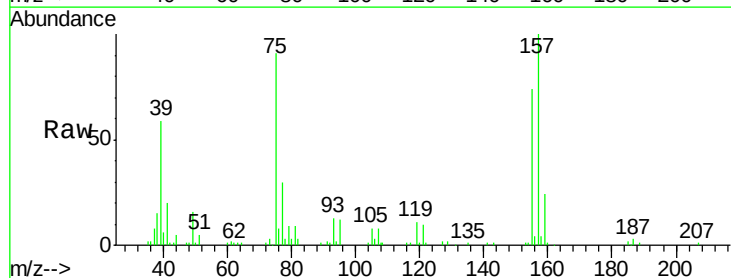
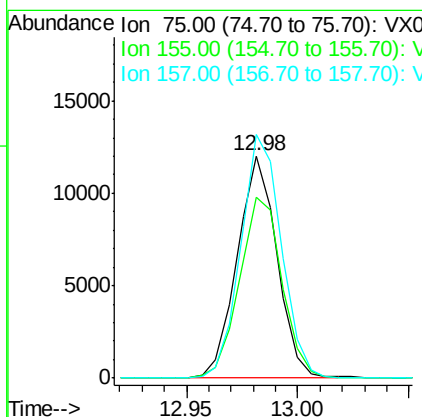
Manual Integrations
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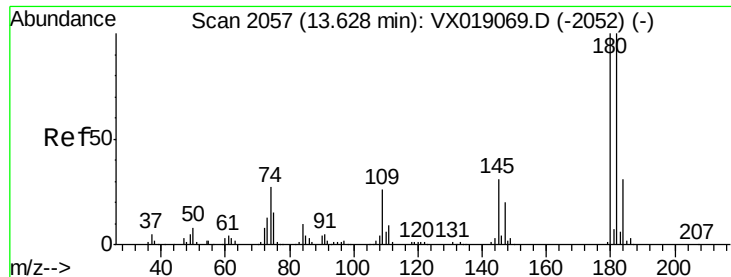
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.862 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	73.7	110.5
157	111.9	96.5	144.7





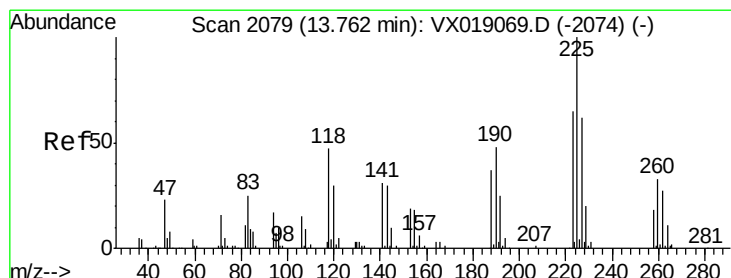
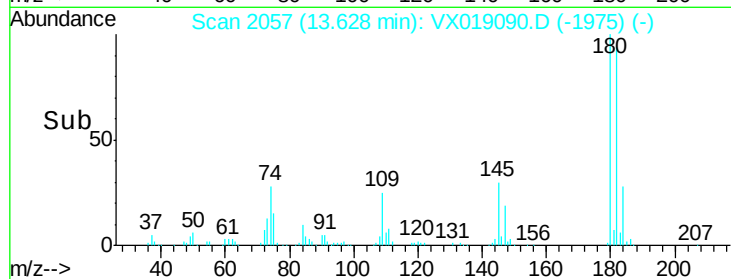
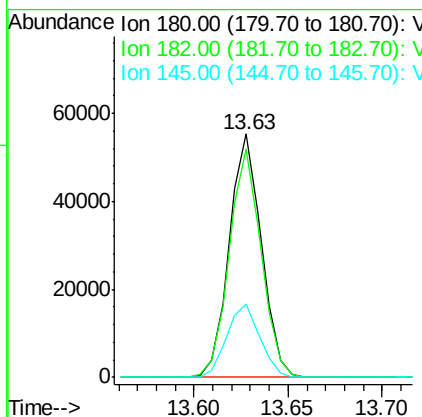
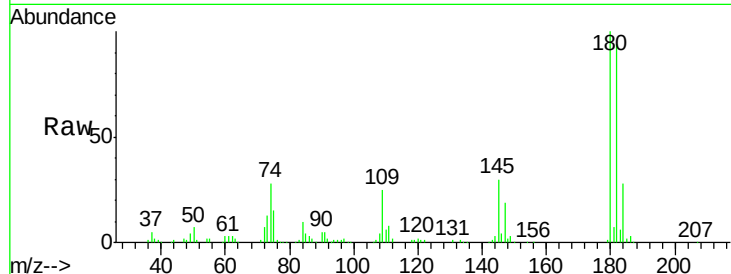
#89
 1,2,4-Trichlorobenzene
 Concen: 17.833 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.5	114.7
145	31.2	24.2	36.4

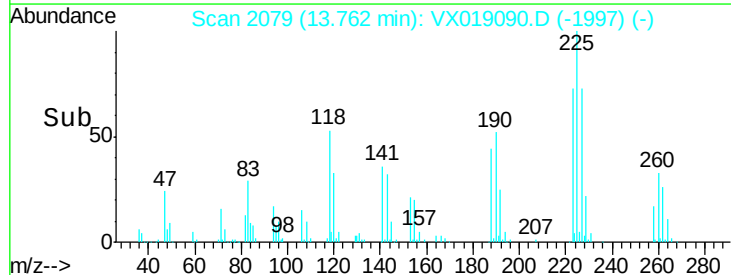
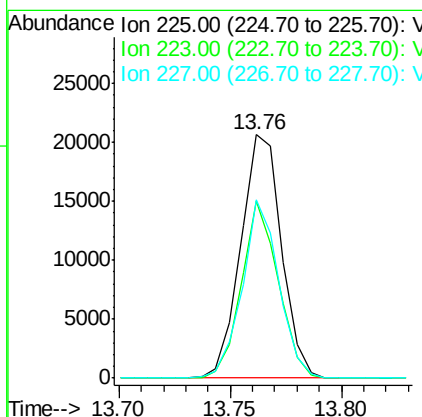
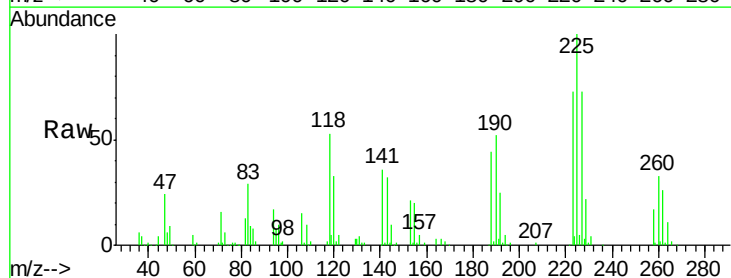
Manual Integrations
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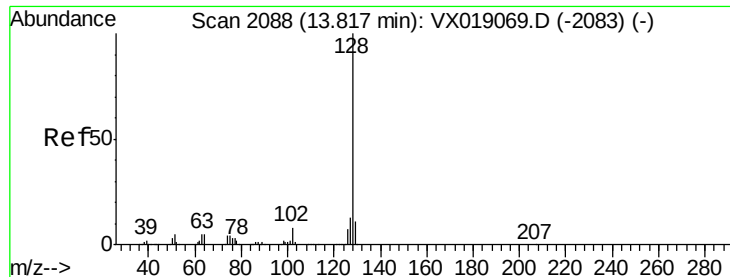
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#90
 Hexachlorobutadiene
 Concen: 17.047 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019090.D
 Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	0.0	130.0
227	65.4	0.0	128.6





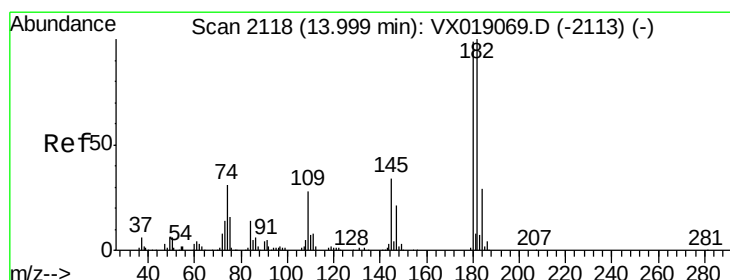
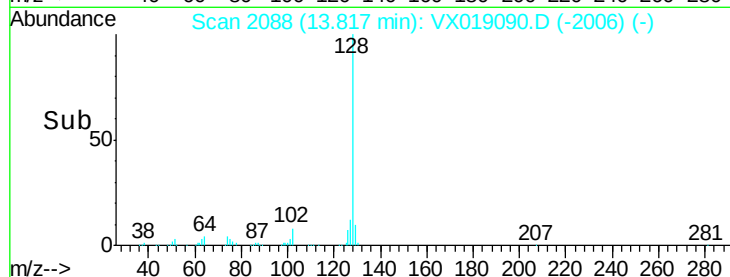
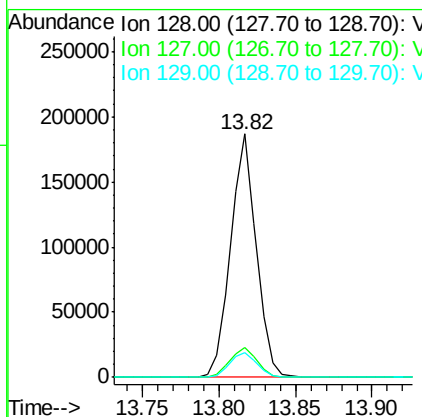
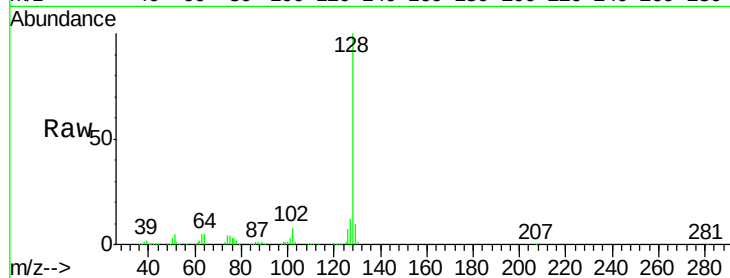
#91
Naphthalene
Concen: 18.113 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.272 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019090.D
Acq: 23 Oct 2020 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	192.4
145	32.2	0.0	64.6

