

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019126.D
 Acq On : 26 Oct 2020 18:31
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 10/27/2020 6:55:30 PM

Quant Time: Oct 26 19:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	166501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	249185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	130410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	94150	38.47	ug/l	0.00
Spiked Amount						
			Recovery	=	76.94%	
35) Dibromofluoromethane	5.46	113	82322	41.72	ug/l	0.00
Spiked Amount						
			Recovery	=	83.44%	
50) Toluene-d8	8.70	98	315482	43.19	ug/l	0.00
Spiked Amount						
			Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.12	95	111399	45.41	ug/l	0.00
Spiked Amount						
			Recovery	=	90.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	67257	51.680	ug/l	100
3) Chloromethane	1.31	50	69152	48.588	ug/l	100
4) Vinyl Chloride	1.39	62	90110	50.583	ug/l	100
5) Bromomethane	1.63	94	61075	41.816	ug/l	100
6) Chloroethane	1.71	64	61331	50.886	ug/l	100
7) Trichlorofluoromethane	1.92	101	156186	51.545	ug/l	100
8) Diethyl Ether	2.17	74	60668	50.433	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77509	50.899	ug/l	100
10) Methyl Iodide	2.49	142	93000	60.511	ug/l	100
11) Tert butyl alcohol	3.01	59	98261	241.410	ug/l	100
12) 1,1-Dichloroethene	2.36	96	78743	51.542	ug/l	100
13) Acrolein	2.27	56	41229	201.149	ug/l	100
14) Allyl chloride	2.71	41	100651	50.951	ug/l	100
15) Acrylonitrile	3.11	53	207311	261.618	ug/l	100
16) Acetone	2.42	43	156665	242.462	ug/l	100
17) Carbon Disulfide	2.55	76	219371	51.985	ug/l	100
18) Methyl Acetate	2.75	43	75948	47.619	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	271658	52.000	ug/l	100
20) Methylene Chloride	2.83	84	90582	47.764	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	92499	51.144	ug/l	100
22) Diisopropyl ether	3.82	45	220229	52.677	ug/l	100
23) Vinyl Acetate	3.78	43	978085	269.439	ug/l	100
24) 1,1-Dichloroethane	3.67	63	145629	52.610	ug/l	100
25) 2-Butanone	4.63	43	257685	254.051	ug/l	100
26) 2,2-Dichloropropane	4.55	77	136257	51.989	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	103741	51.335	ug/l	100
28) Bromochloromethane	4.98	49	60364	50.645	ug/l	100
29) Tetrahydrofuran	5.09	42	165904	260.329	ug/l	100
30) Chloroform	5.17	83	161791	52.491	ug/l	100
31) Cyclohexane	5.55	56	124687	51.278	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	145678	53.702	ug/l	100
36) 1,1-Dichloropropene	5.77	75	121414	52.128	ug/l	100
37) Ethyl Acetate	4.79	43	103717	51.102	ug/l	100
38) Carbon Tetrachloride	5.76	117	127972	54.431	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	151484	53.493	ug/l	100
40) Benzene	6.11	78	362491	52.949	ug/l	100
41) Methacrylonitrile	5.00	41	54288	52.726	ug/l	100
42) 1,2-Dichloroethane	6.16	62	123213	53.447	ug/l	100
43) Isopropyl Acetate	6.41	43	172543	52.682	ug/l	100
44) Trichloroethene	7.19	130	104106	53.227	ug/l	100
45) 1,2-Dichloropropane	7.49	63	85593	53.959	ug/l	100
46) Dibromomethane	7.63	93	64475	53.860	ug/l	100
47) Bromodichloromethane	7.87	83	127837	55.813	ug/l	100
48) Methyl methacrylate	7.74	41	81223	53.429	ug/l	100
49) 1,4-Dioxane	7.72	88	44915	1110.861	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	517350	273.706	ug/l	100
52) Toluene	8.76	92	237348	54.326	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	142047	56.693	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	152866	56.693	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	93989	54.091	ug/l	100
56) Ethyl methacrylate	9.16	69	138943	57.153	ug/l	100
57) 1,3-Dichloropropane	9.35	76	153528	53.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	357542	263.300	ug/l	100
59) 2-Hexanone	9.47	43	387715	272.477	ug/l	100
60) Dibromochloromethane	9.56	129	104435	59.113	ug/l	100
61) 1,2-Dibromoethane	9.65	107	101496	55.619	ug/l	100
64) Tetrachloroethene	9.32	164	96771	50.420	ug/l	100
65) Chlorobenzene	10.12	112	254153	52.795	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	93437	55.058	ug/l	100
67) Ethyl Benzene	10.24	91	452553	53.492	ug/l	100
68) m/p-Xylenes	10.34	106	352952	109.362	ug/l	100
69) o-Xylene	10.68	106	166593	54.211	ug/l	100
70) Styrene	10.70	104	285506	56.652	ug/l	100
71) Bromoform	10.84	173	76870	60.939	ug/l	100
73) Isopropylbenzene	11.00	105	451248	52.024	ug/l	100
74) N-amyl acetate	10.88	43	144043	54.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	143412	53.117	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	127496m	44.519	ug/l	
77) Bromobenzene	11.24	156	114136	53.389	ug/l	100
78) n-propylbenzene	11.34	91	512916	53.060	ug/l	100
79) 2-Chlorotoluene	11.40	91	293118	51.525	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	375688	53.642	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	47143	58.030	ug/l	100
82) 4-Chlorotoluene	11.49	91	350077	52.378	ug/l	100
83) tert-Butylbenzene	11.76	119	369713	53.634	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	384480	54.150	ug/l	100
85) sec-Butylbenzene	11.93	105	444839	53.722	ug/l	100
86) p-Isopropyltoluene	12.05	119	411547	54.564	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	212349	53.512	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	214031	52.436	ug/l	100
89) n-Butylbenzene	12.37	91	380099	54.983	ug/l	100
90) Hexachloroethane	12.58	117	70573	58.381	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	203423	51.968	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31114	54.606	ug/l	100

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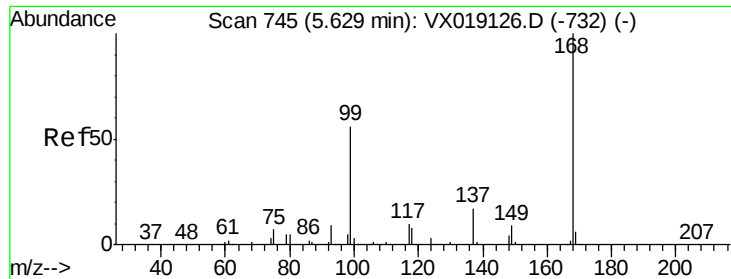
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	143979	53.900	ug/l	100
94) Hexachlorobutadiene	13.76	225	63649	52.684	ug/l	100
95) Naphthalene	13.82	128	472211	56.570	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	139994	53.210	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 166501

Ion Ratio Lower Upper

168 100

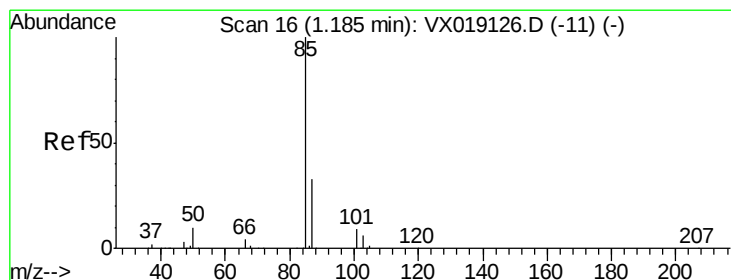
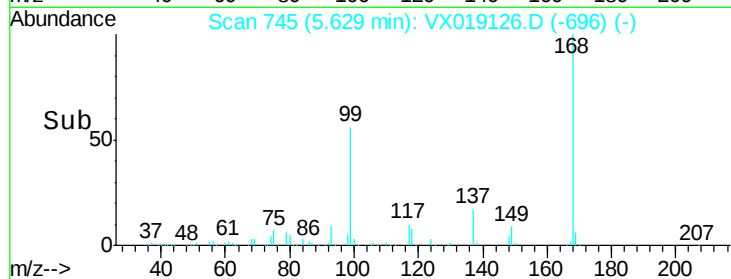
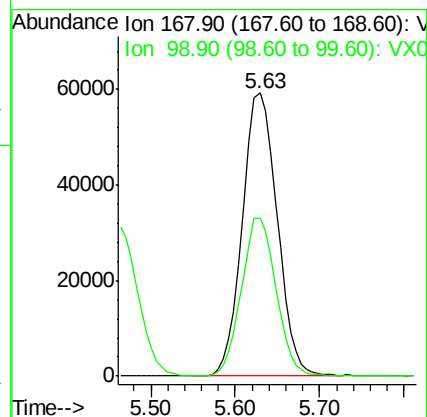
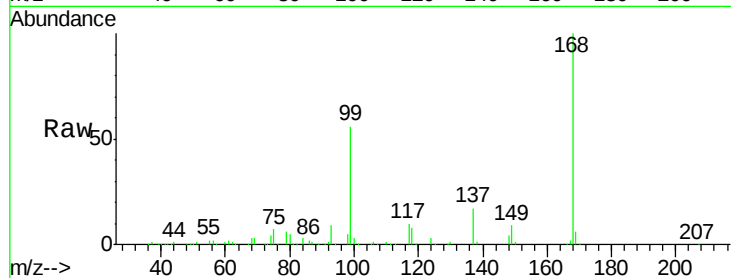
99 55.5 44.4 66.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.680 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019126.D

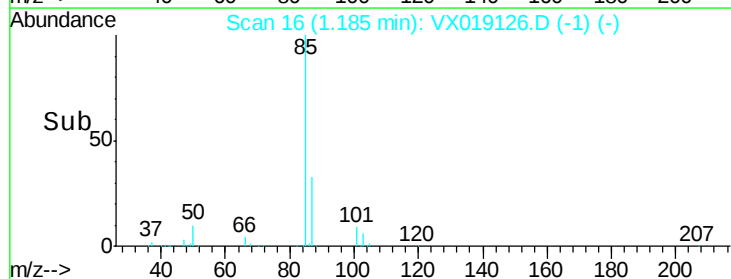
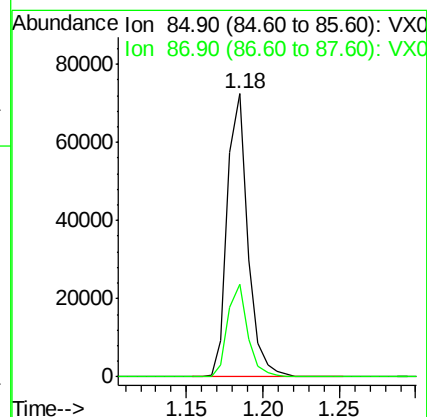
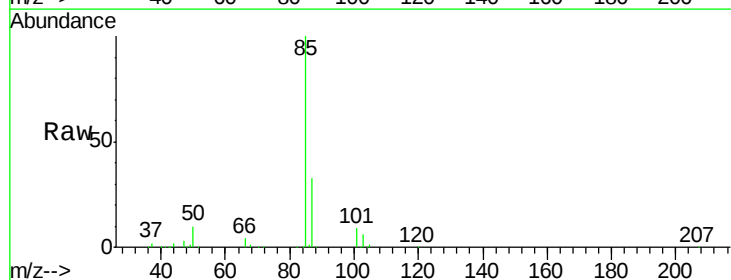
Acq: 26 Oct 2020 18:31

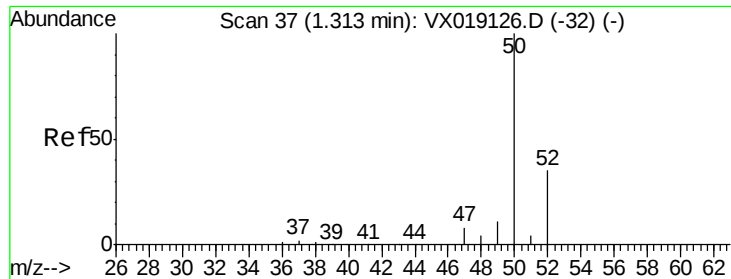
Tgt Ion: 85 Resp: 67257

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9





#3

Chloromethane

Concen: 48.588 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 69152

Ion Ratio Lower Upper

50 100

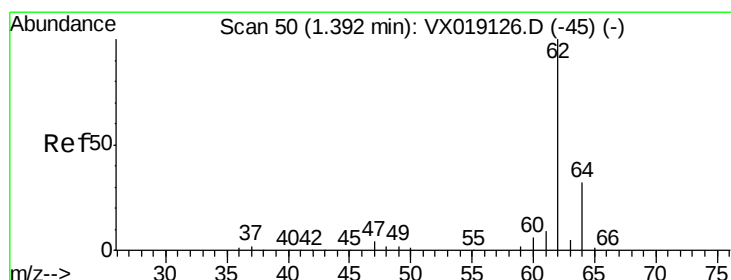
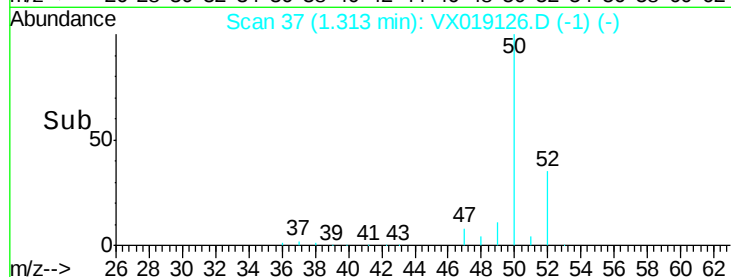
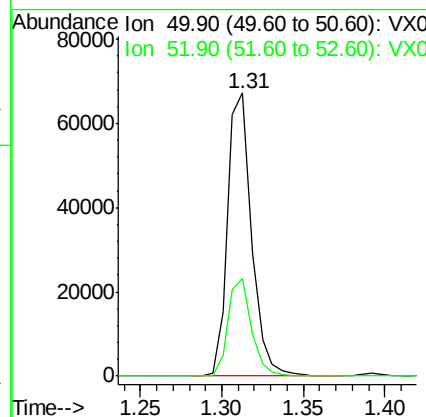
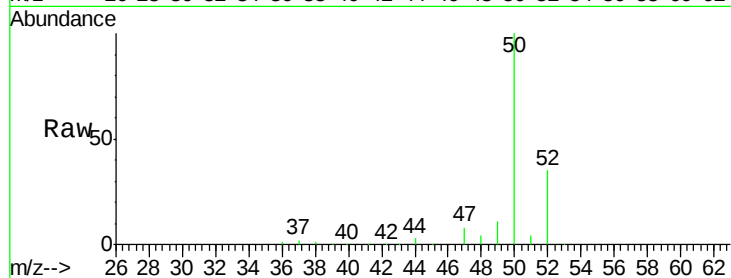
52 34.6 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.583 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019126.D

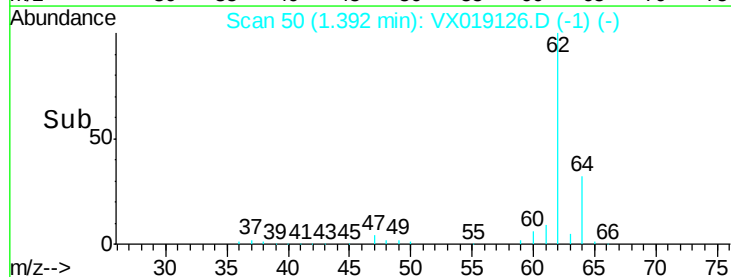
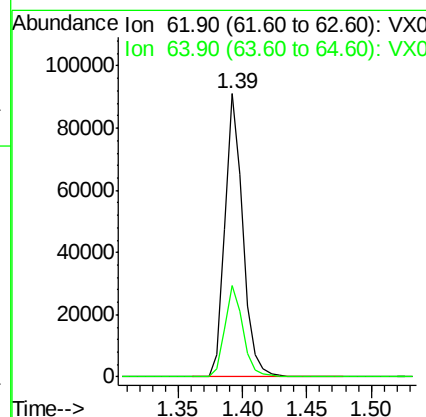
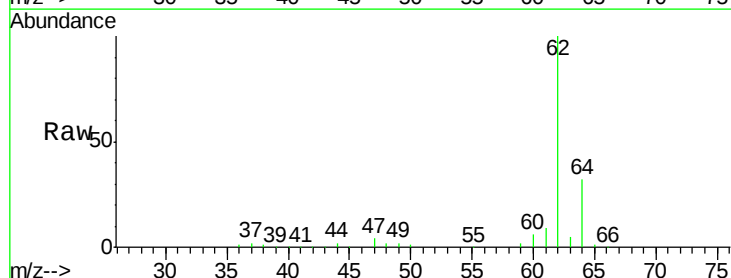
Acq: 26 Oct 2020 18:31

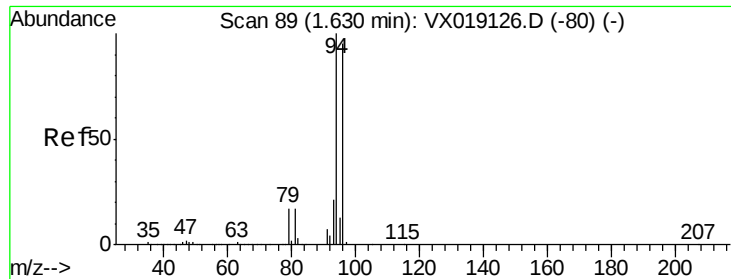
Tgt Ion: 62 Resp: 90110

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 41.816 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 61075

Ion Ratio Lower Upper

94 100

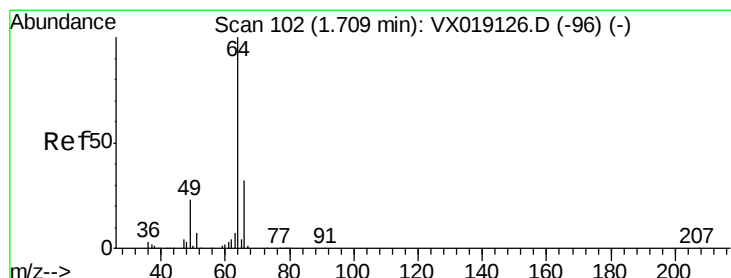
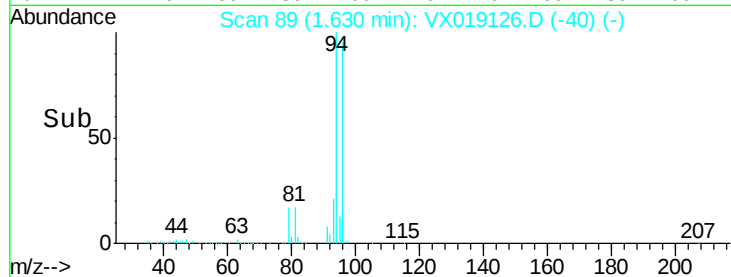
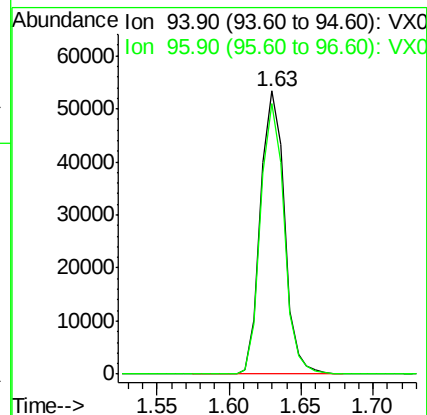
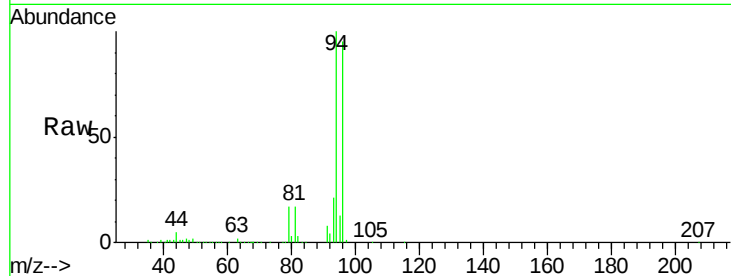
96 95.4 76.3 114.5

Manual Integrations

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#6

Chloroethane

Concen: 50.886 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019126.D

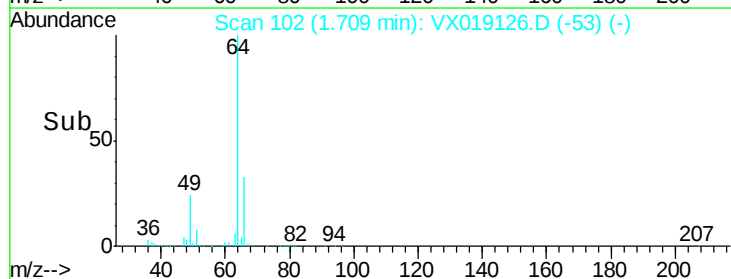
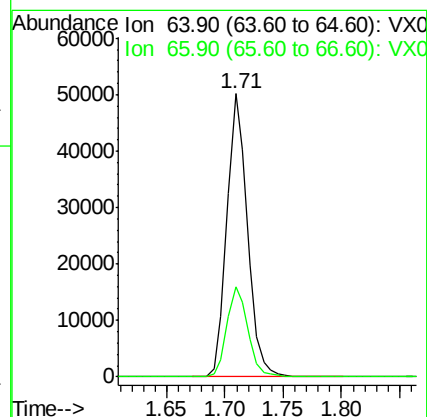
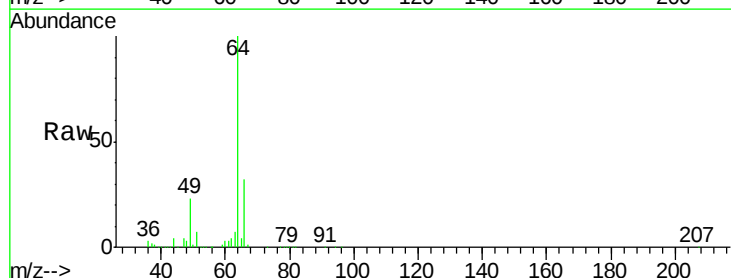
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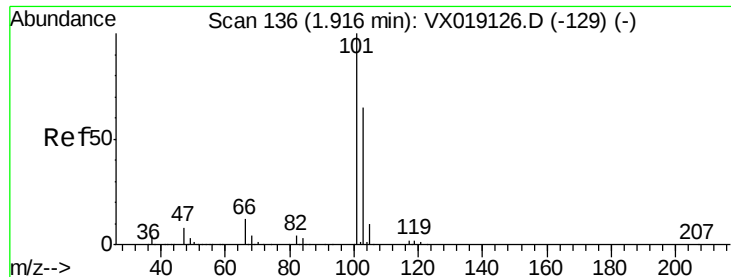
Tgt Ion: 64 Resp: 61331

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

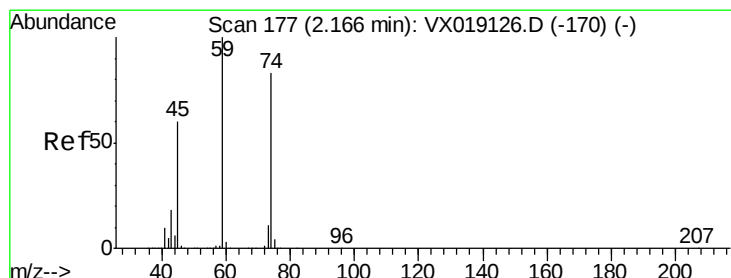
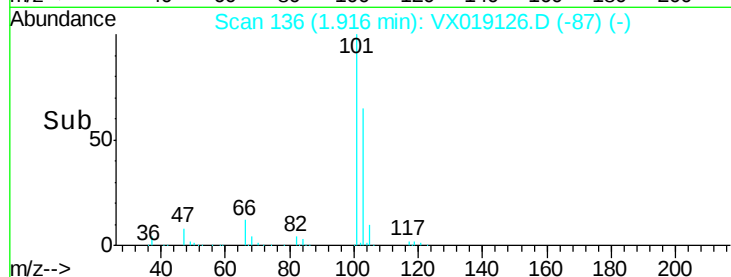
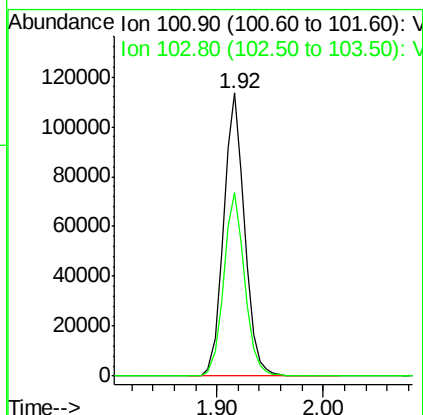
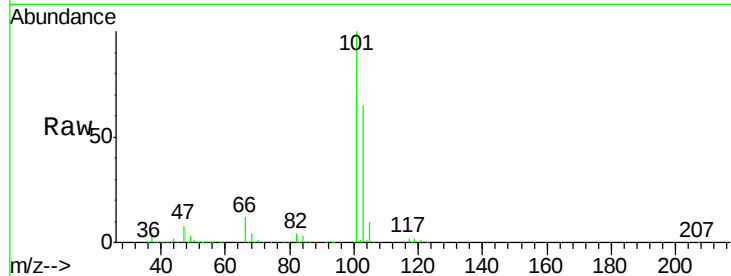
Trichlorofluoromethane
Concen: 51.545 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
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VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		156186		
103	64.7	51.8	77.6		

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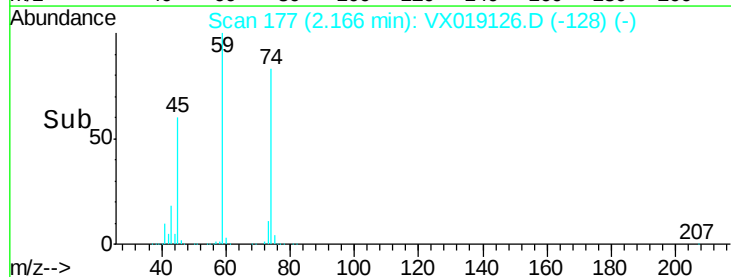
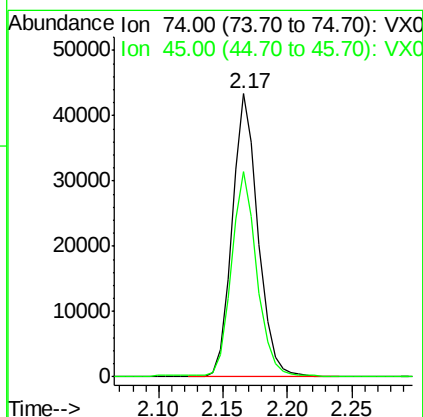
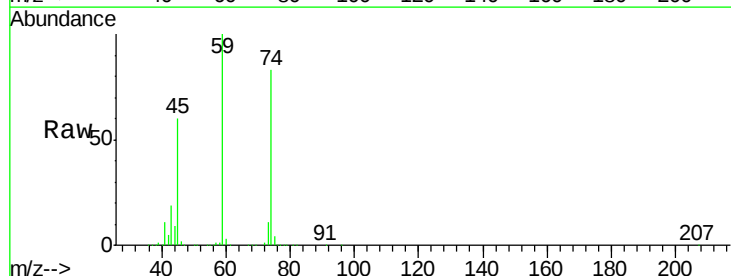
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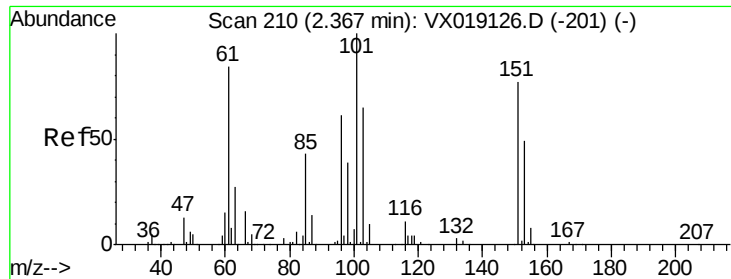


#8

Diethyl Ether
Concen: 50.433 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		60668		
45	72.2	36.1	108.3		





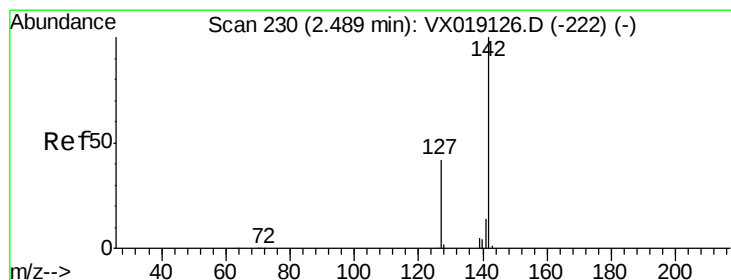
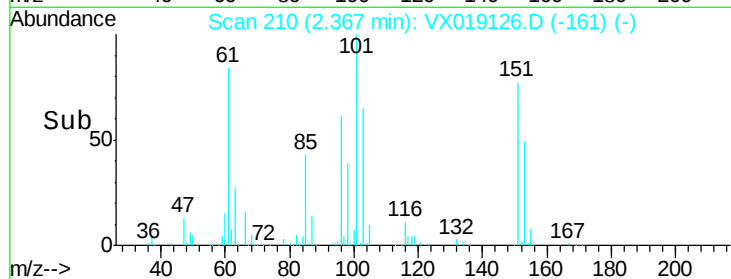
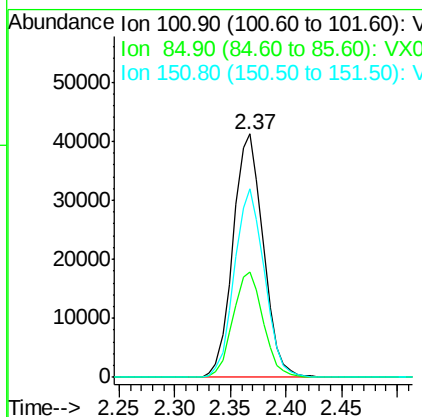
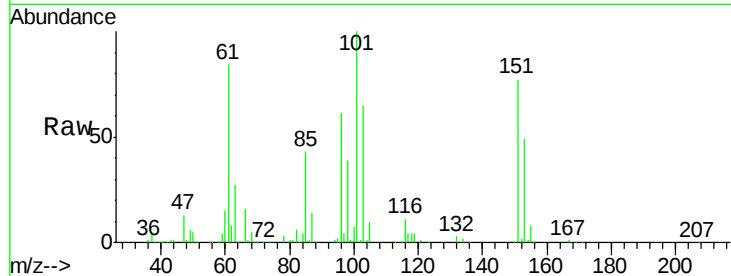
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.899 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.7	52.1
151	77.1	61.7	92.5

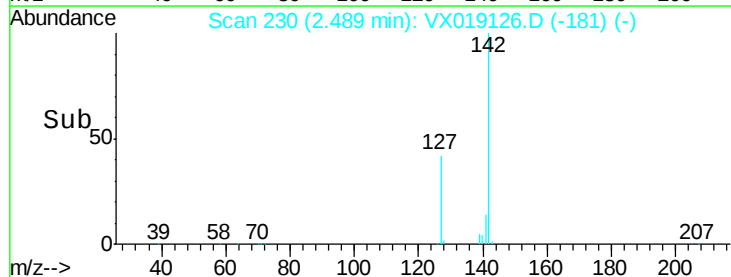
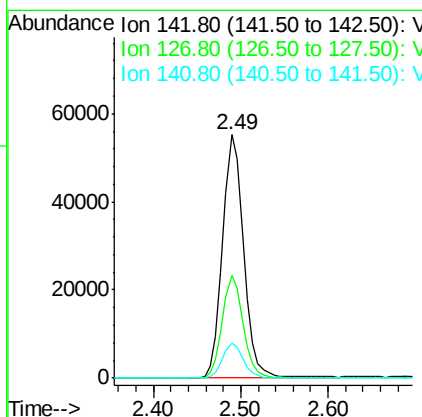
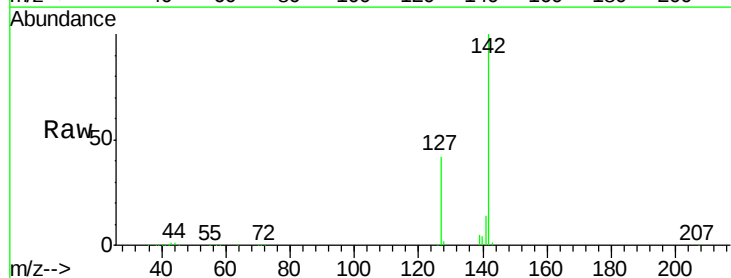
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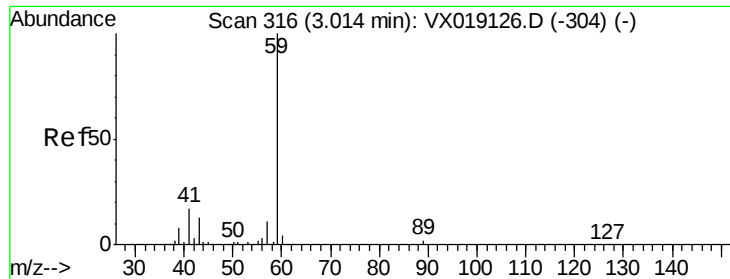
MMDadoda
 10/27/2020 6:55:30 PM



#10
 Methyl Iodide
 Concen: 60.511 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.4	33.1	49.7
141	14.2	11.4	17.0





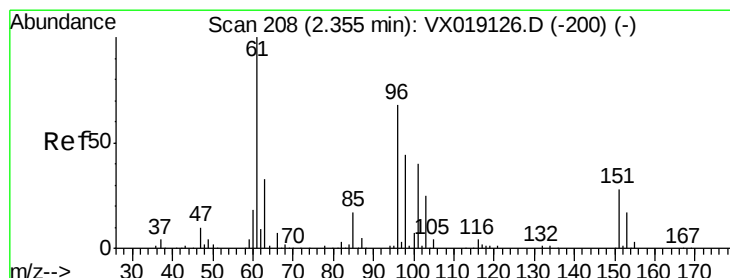
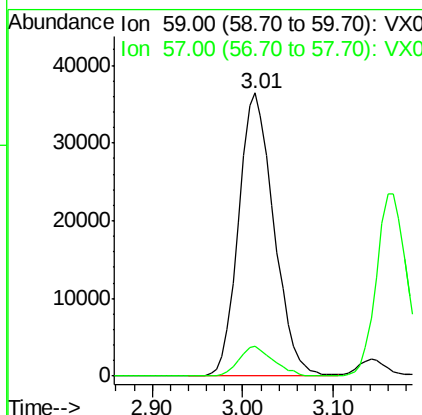
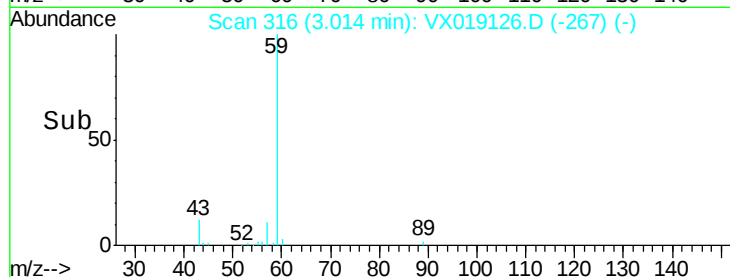
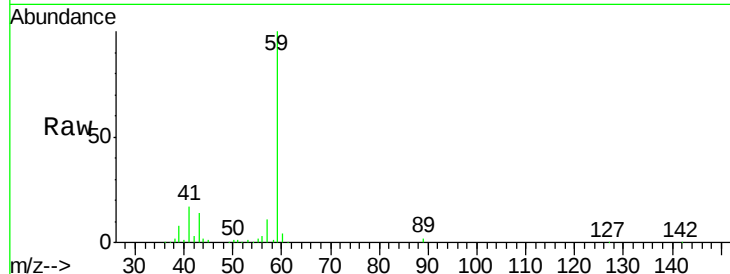
#11
Tert butyl alcohol
Concen: 241.410 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

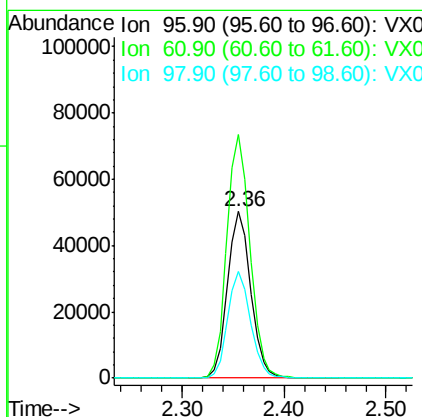
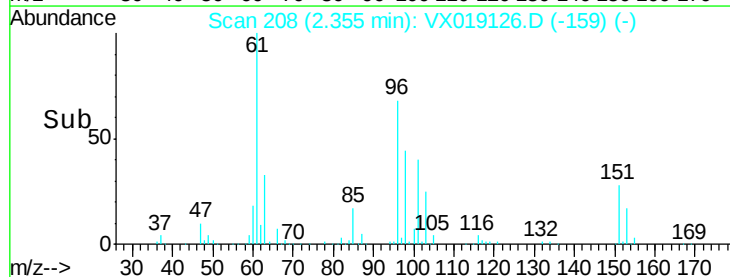
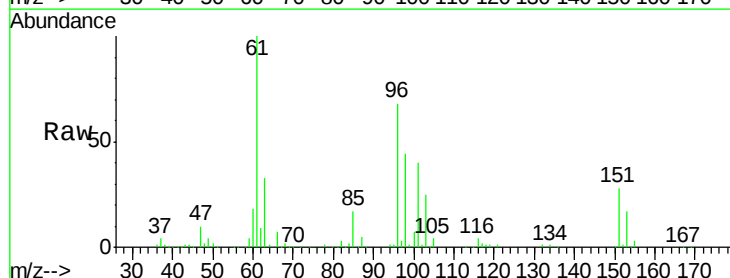
Manual Integrations
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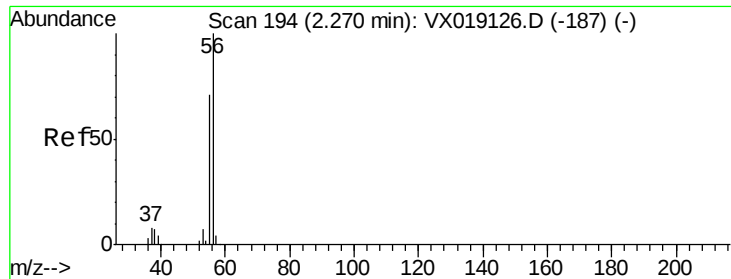
MMDadoda
10/27/2020 6:55:30 PM



#12
1,1-Dichloroethene
Concen: 51.542 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	64.0	51.2	76.8





#13

Acrolein

Concen: 201.149 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 41229

Ion Ratio Lower Upper

56 100

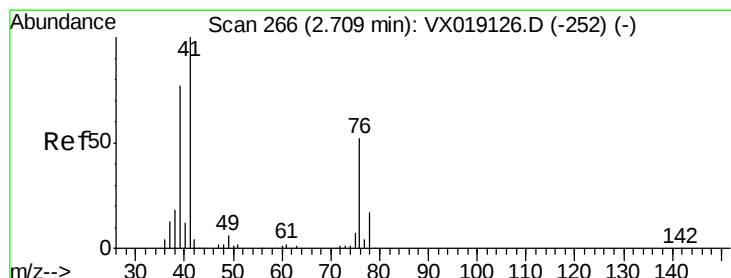
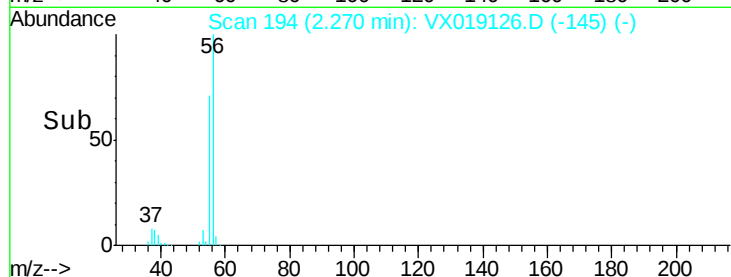
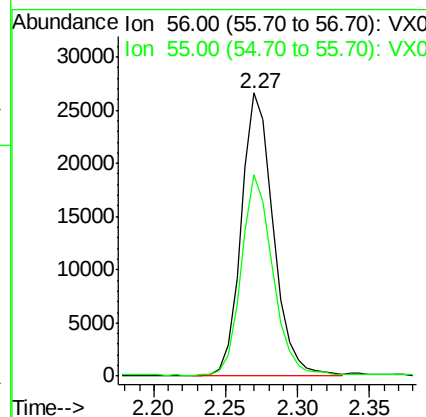
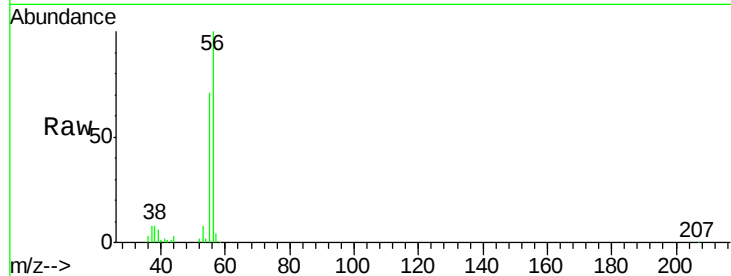
55 69.9 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 50.951 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

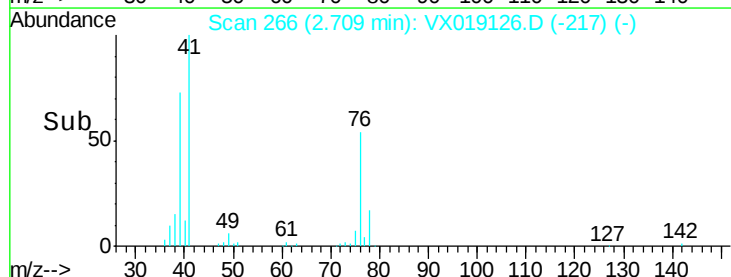
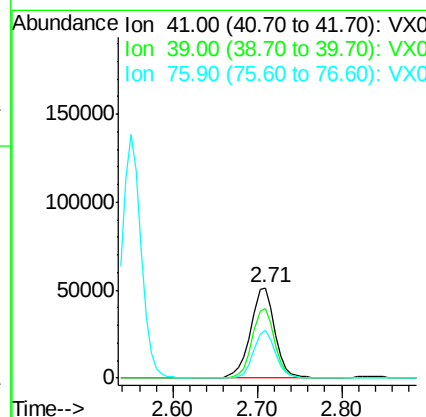
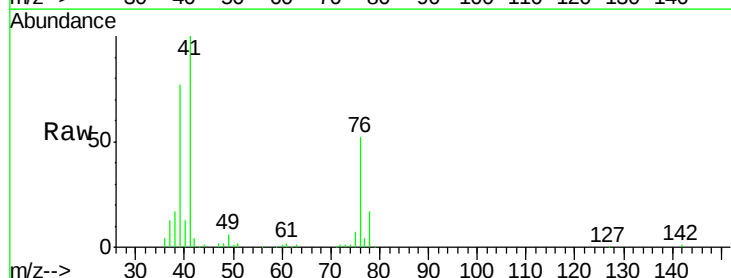
Tgt Ion: 41 Resp: 100651

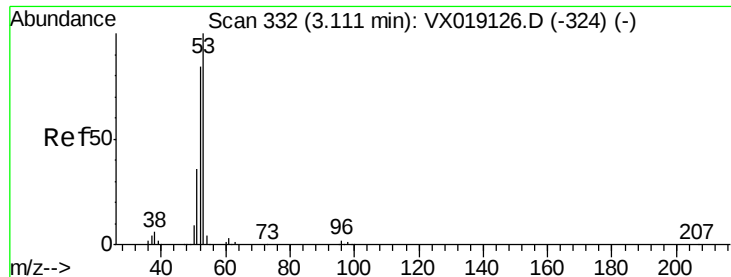
Ion Ratio Lower Upper

41 100

39 71.2 57.0 85.4

76 47.0 37.6 56.4





#15

Acrylonitrile

Concen: 261.618 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

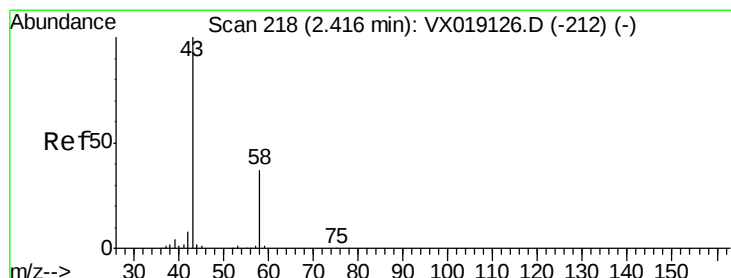
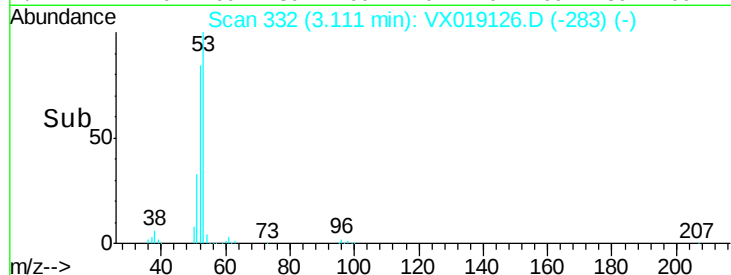
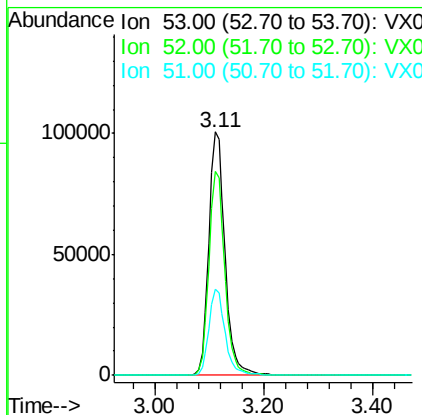
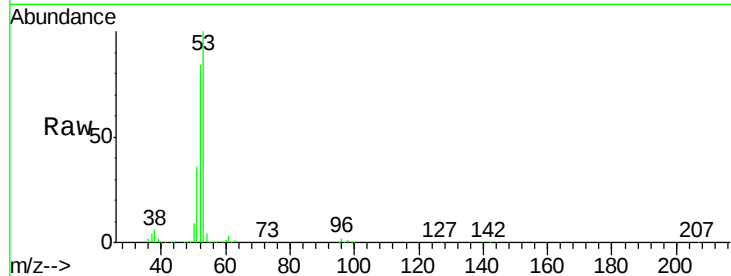
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	207311
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.8	98.8
51	35.6	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 242.462 ug/l

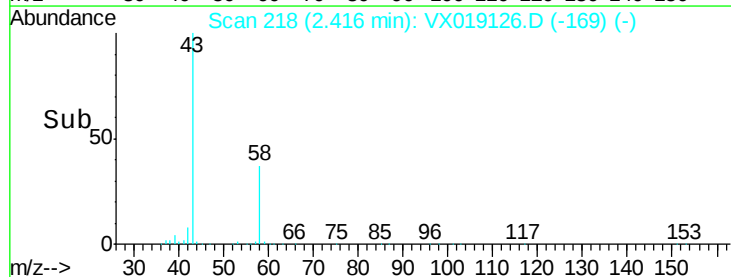
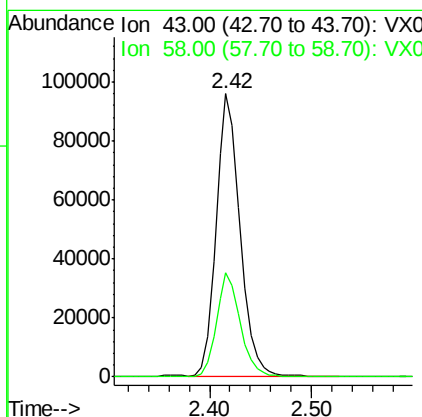
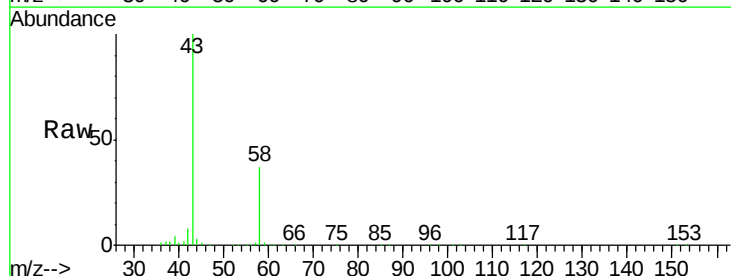
RT: 2.42 min Scan# 218

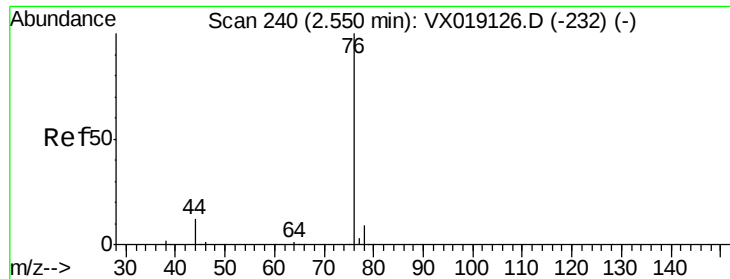
Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion:	43	Resp:	156665
Ion Ratio	Lower	Upper	
43	100		
58	36.7	29.4	44.0





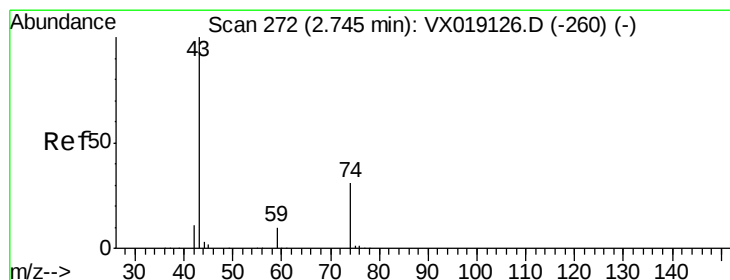
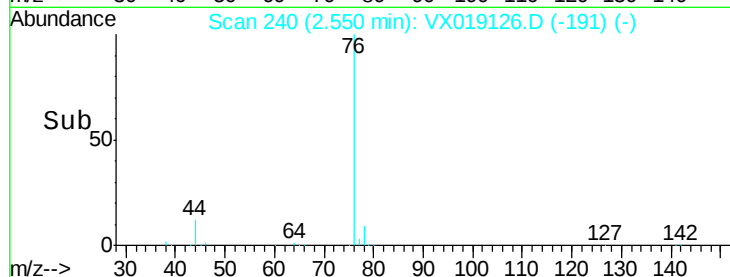
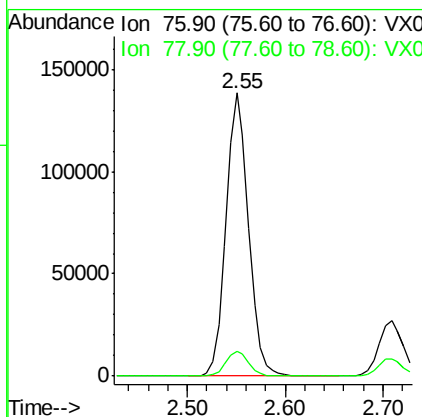
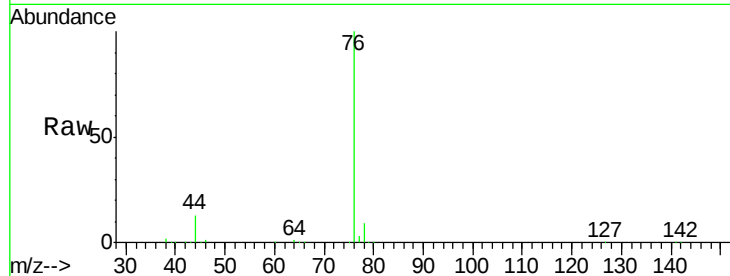
#17
Carbon Disulfide
Concen: 51.985 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

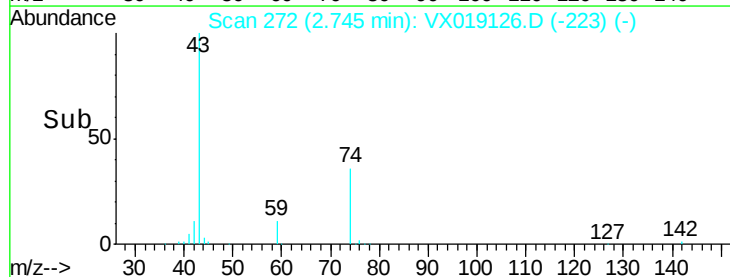
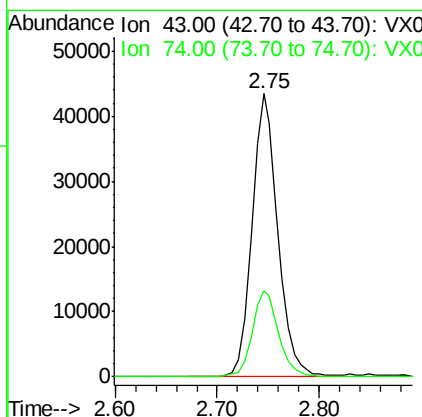
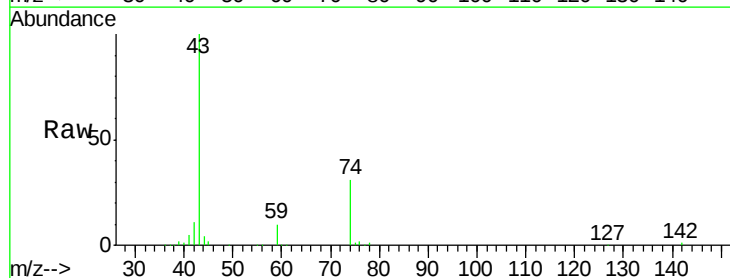
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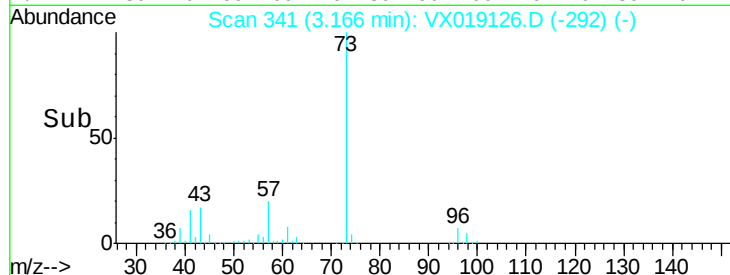
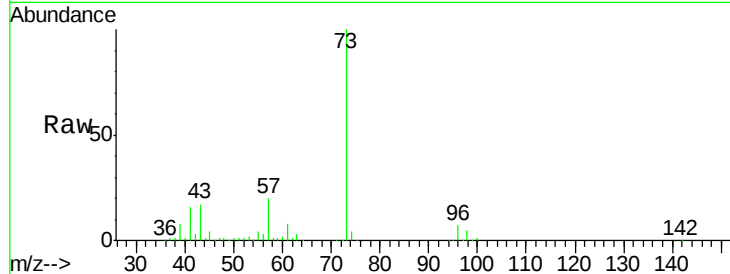
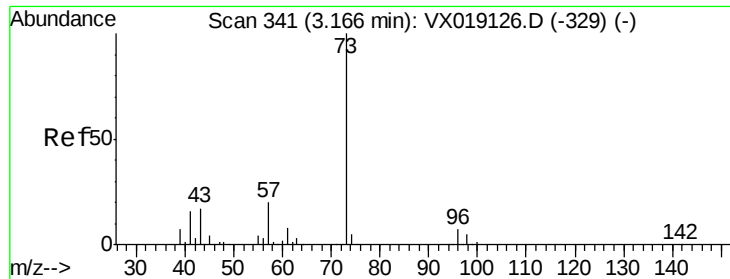
MMDadoda
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#18
Methyl Acetate
Concen: 47.619 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.6	25.3	37.9





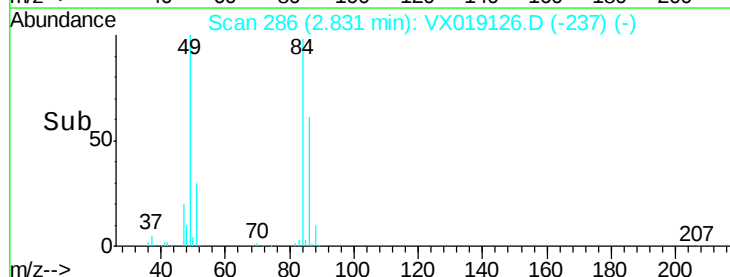
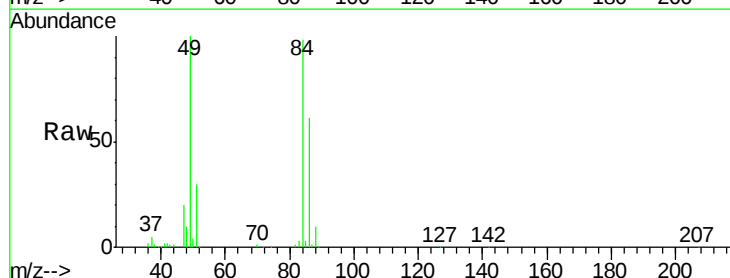
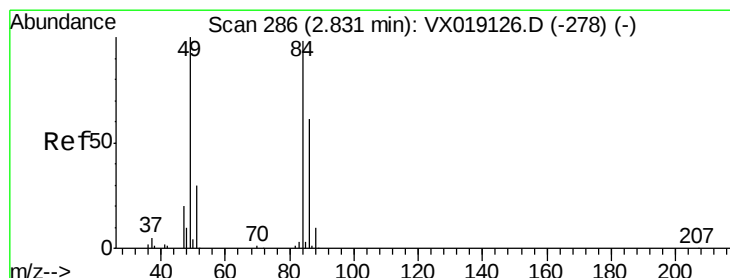
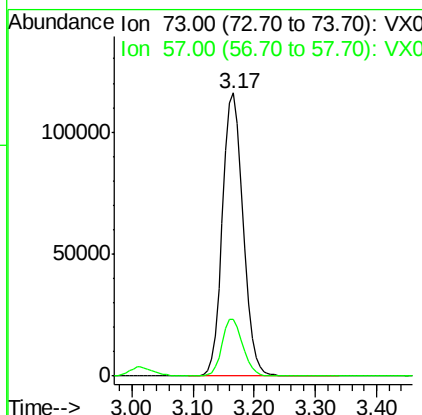
#19
Methyl tert-butyl Ether
Concen: 52.000 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.2	24.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

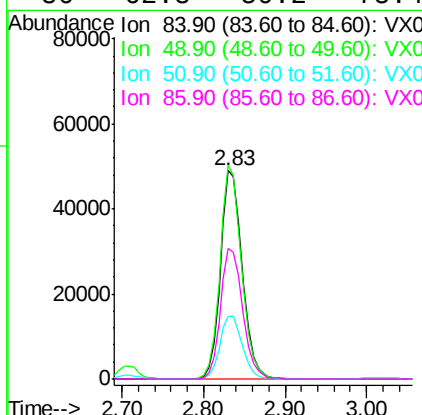
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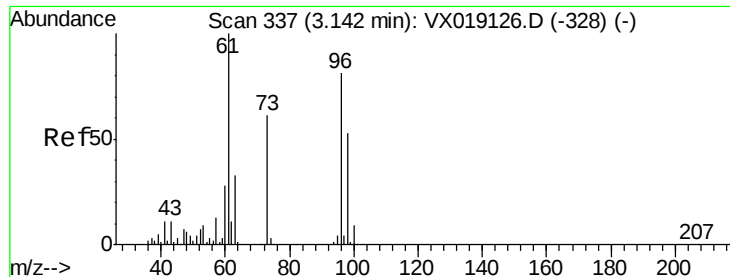
MMDadoda
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#20
Methylene Chloride
Concen: 47.764 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.5	82.0	123.0
51	30.3	24.2	36.4
86	62.8	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 51.144 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

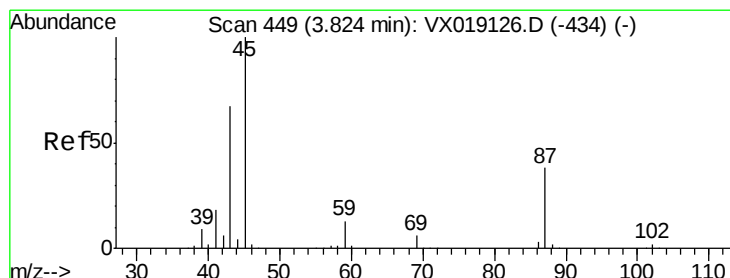
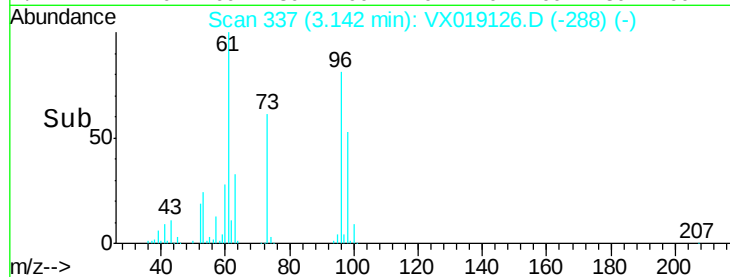
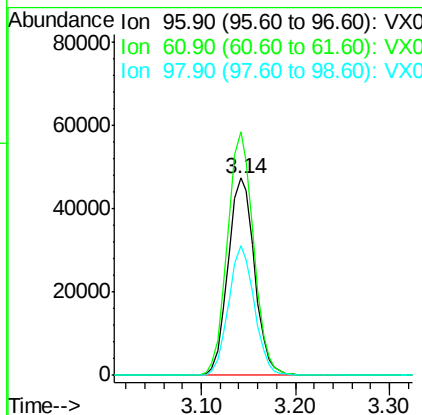
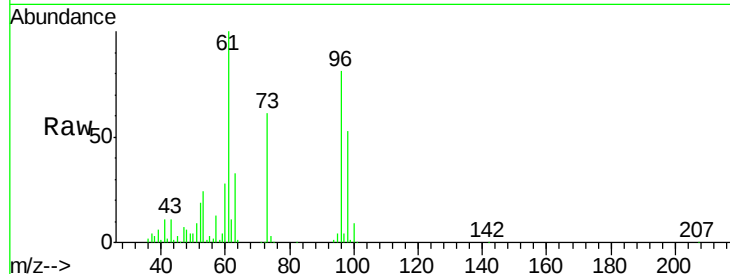
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	92499
Ion	Ratio	Lower	Upper
96	100		
61	123.5	98.8	148.2
98	65.8	52.6	79.0

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#22

Diisopropyl ether

Concen: 52.677 ug/l

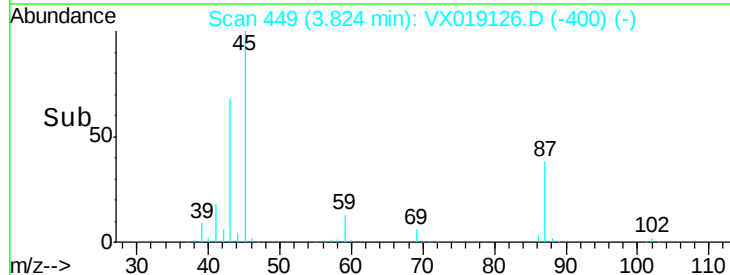
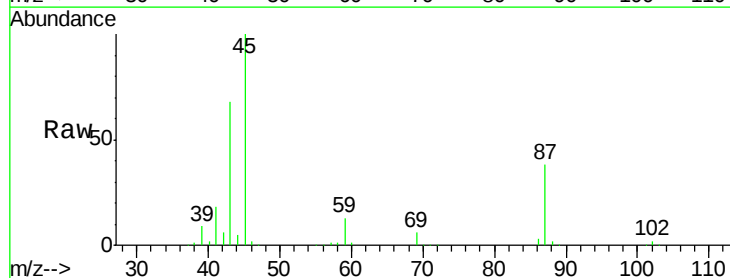
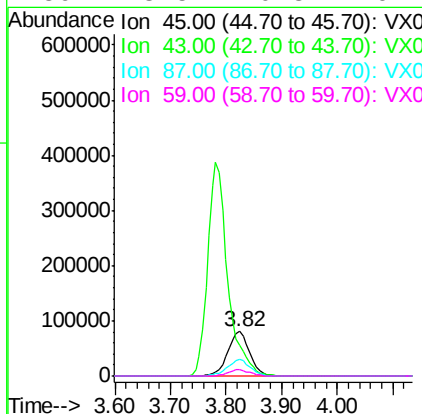
RT: 3.82 min Scan# 449

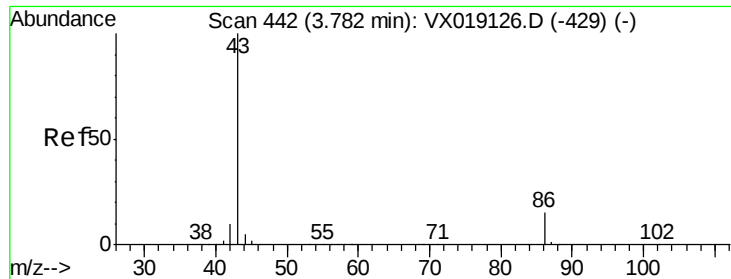
Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion:	45	Resp:	220229
Ion	Ratio	Lower	Upper
45	100		
43	68.0	54.4	81.6
87	37.7	30.2	45.2
59	13.5	10.8	16.2





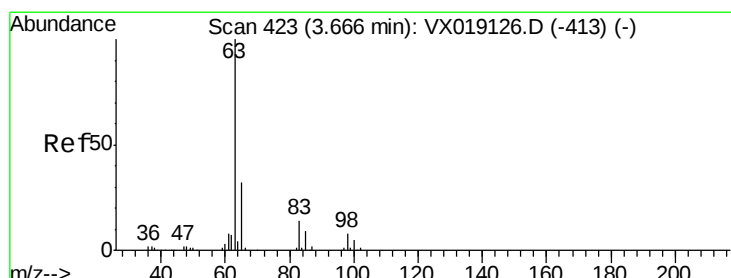
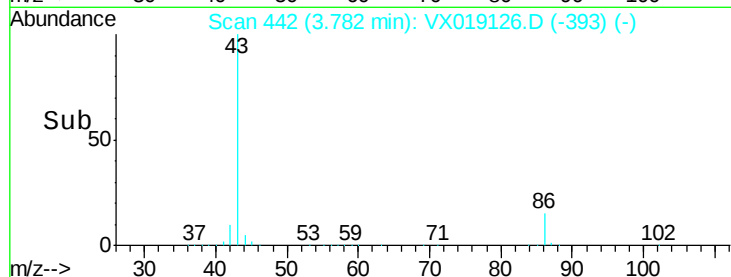
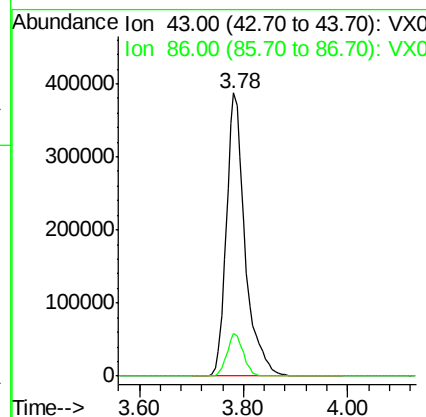
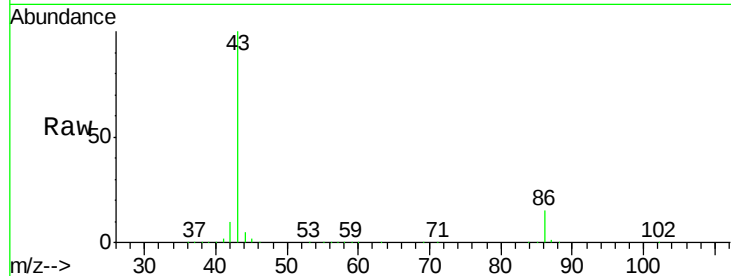
#23
 Vinyl Acetate
 Concen: 269.439 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	978085
Ion Ratio	100	Lower	Upper
43	100		
86	14.9	11.9	17.9

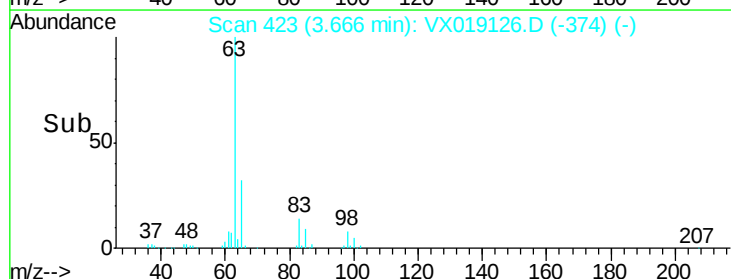
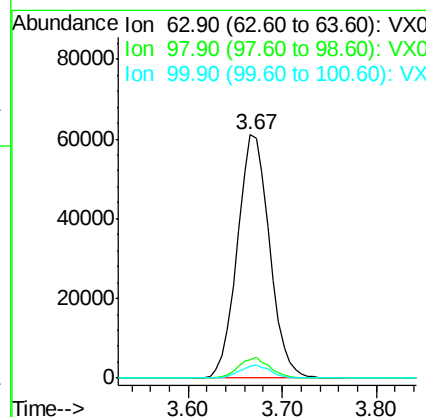
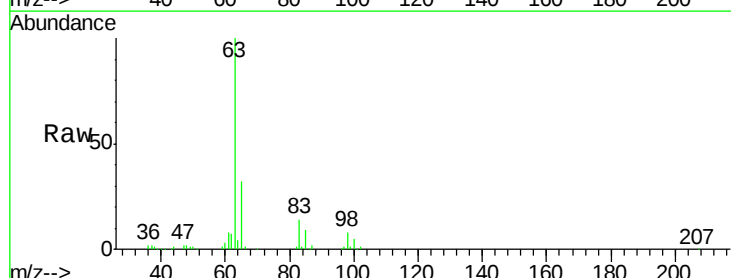
Manual Integrations
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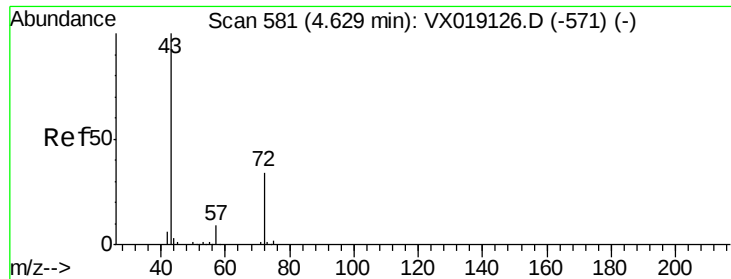
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 52.610 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	63	Resp	145629
Ion Ratio	100	Lower	Upper
63	100		
98	7.7	3.9	11.5
100	4.9	2.5	7.4





#25

2-Butanone

Concen: 254.051 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tot Ion: 43 Resp: 257685

Ion Ratio Lower Upper

43 100

72 34.4 27.5 41.3

Instrument :

MSVOA_X

ClientSampleId :

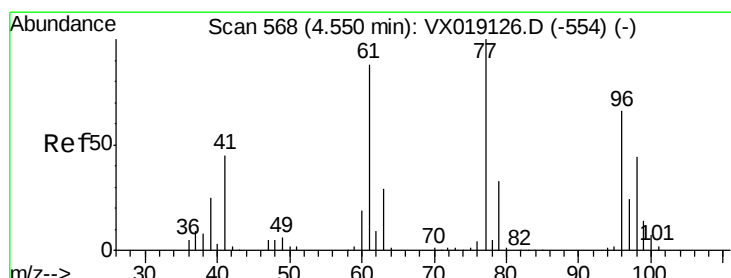
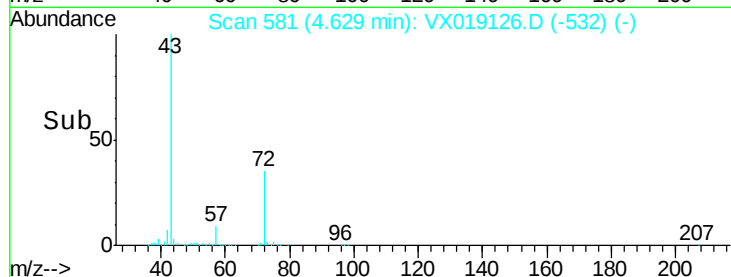
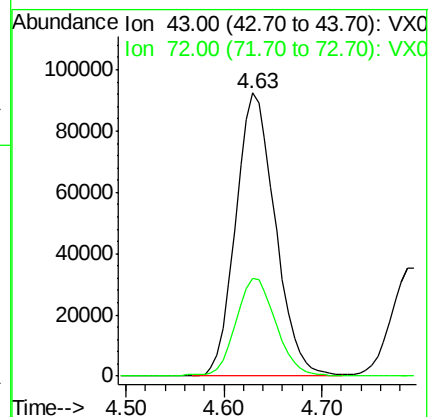
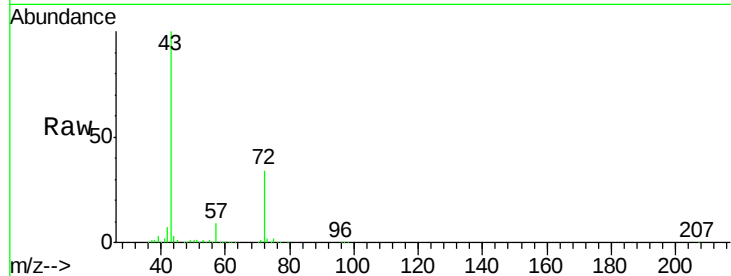
VSTDICCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.989 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019126.D

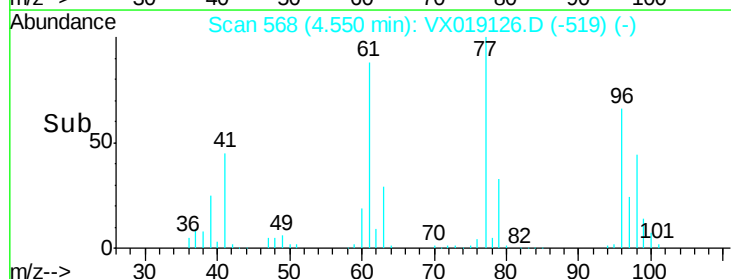
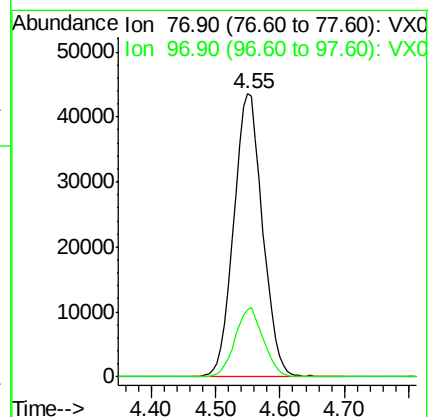
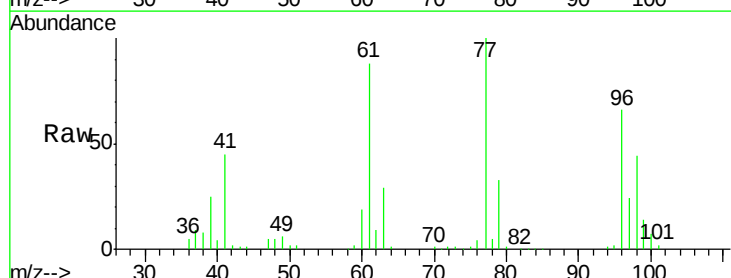
Acq: 26 Oct 2020 18:31

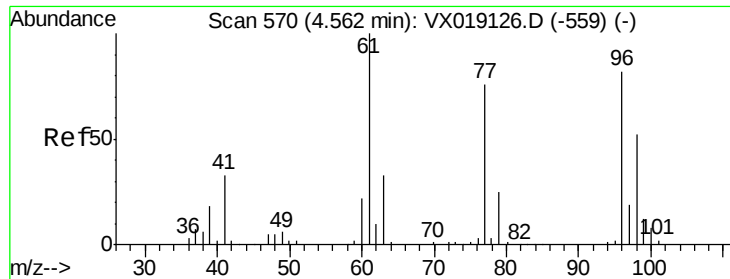
Tgt Ion: 77 Resp: 136257

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





#27

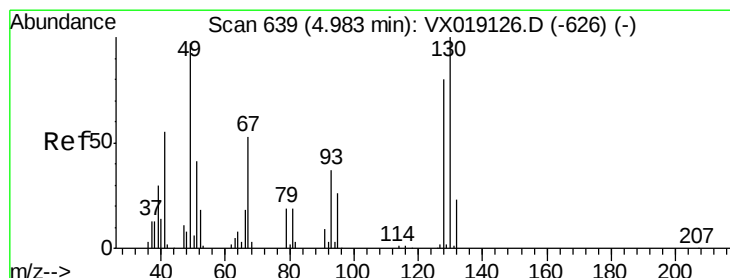
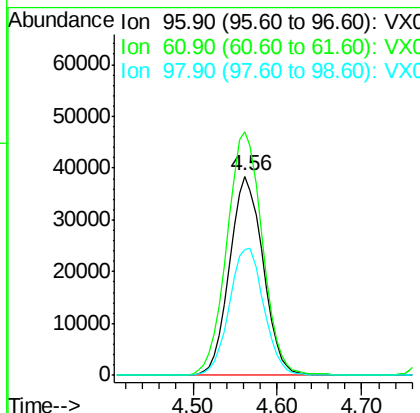
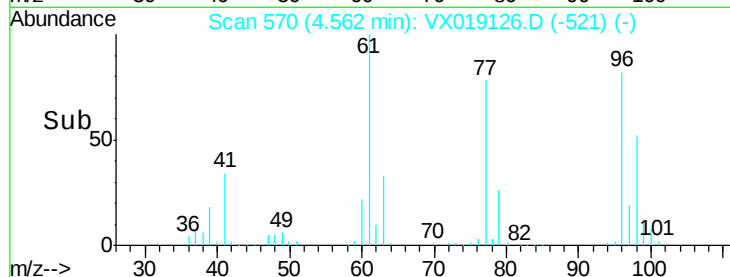
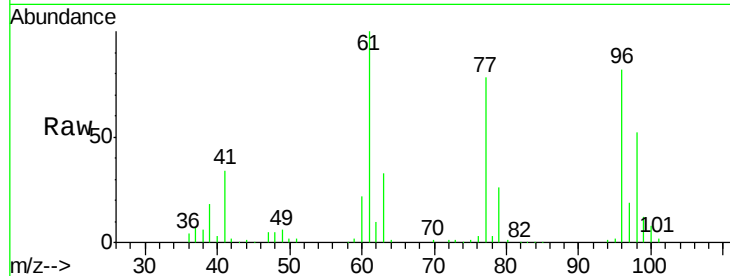
cis-1,2-Dichloroethene
Concen: 51.335 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	103741		
61	130.0	0.0	260.0	
98	65.8	0.0	131.6	

Manual Integrations
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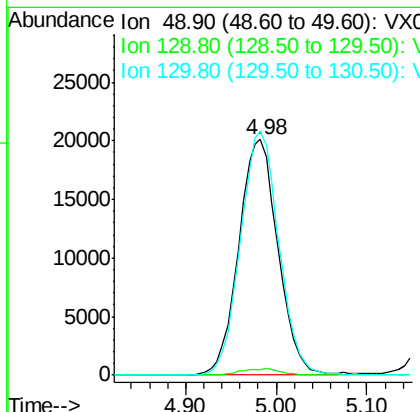
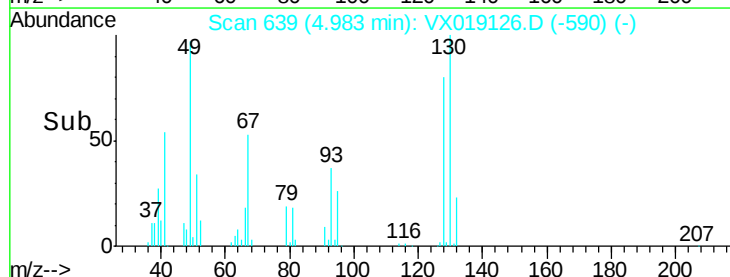
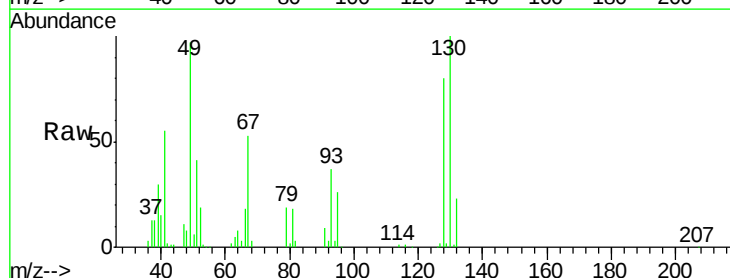
MMDadoda
10/27/2020 6:55:30 PM

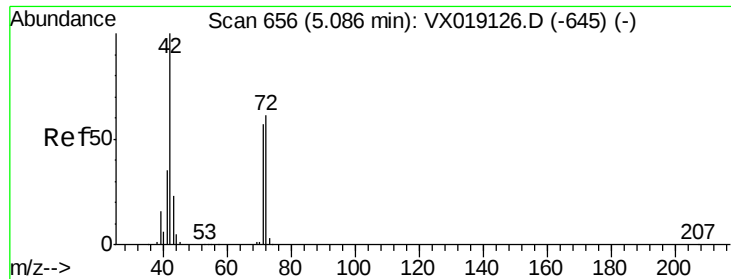


#28

Bromochloromethane
Concen: 50.645 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	60364		
129	2.6	0.0	5.2	
130	101.4	81.1	121.7	





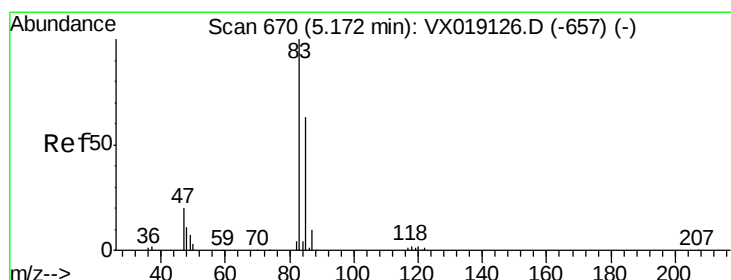
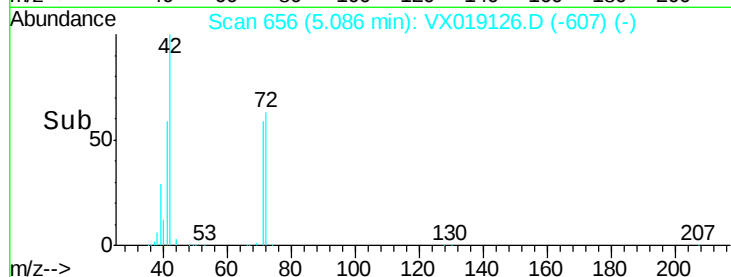
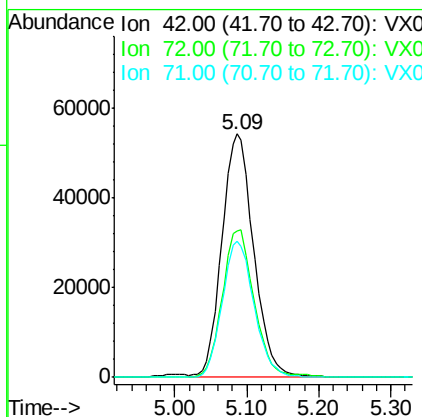
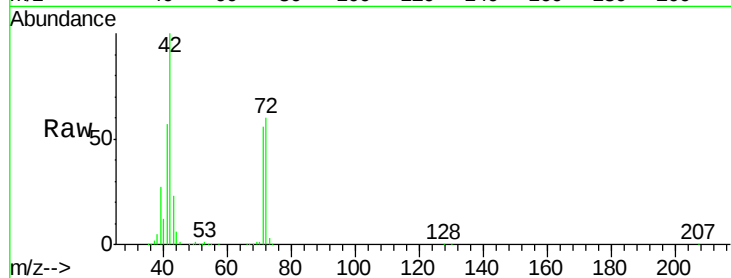
#29
Tetrahydrofuran
Concen: 260.329 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.3	49.0	73.6
71	56.1	44.9	67.3

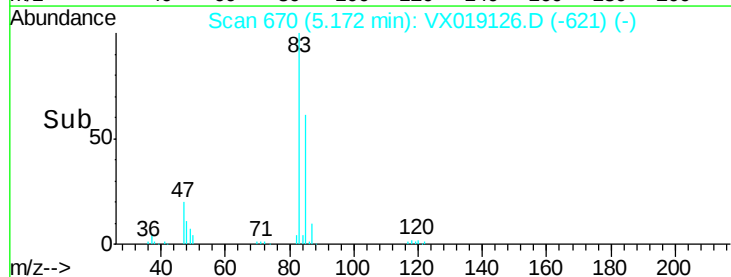
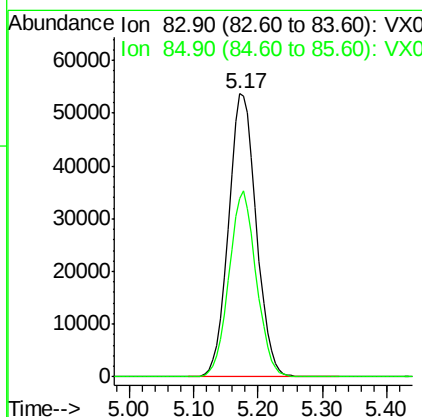
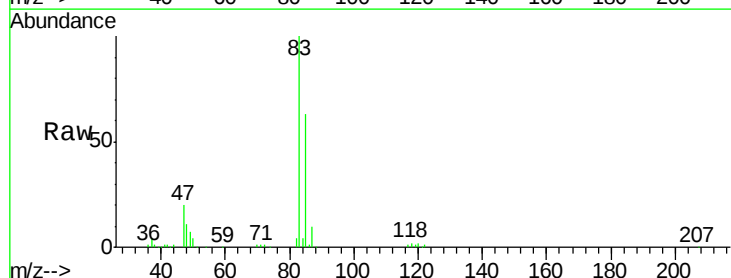
Manual Integrations
APPROVED

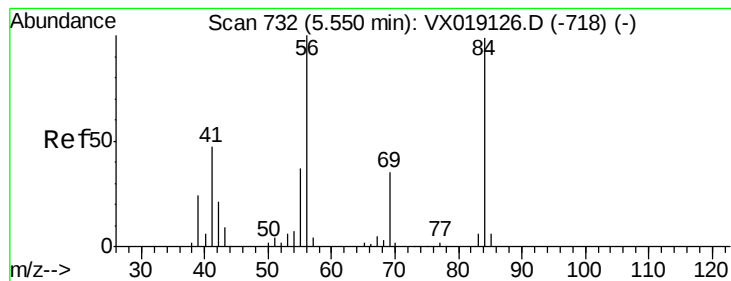
MMDadoda
10/27/2020 6:55:30 PM



#30
Chloroform
Concen: 52.491 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5





#31

Cyclohexane

Concen: 51.278 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

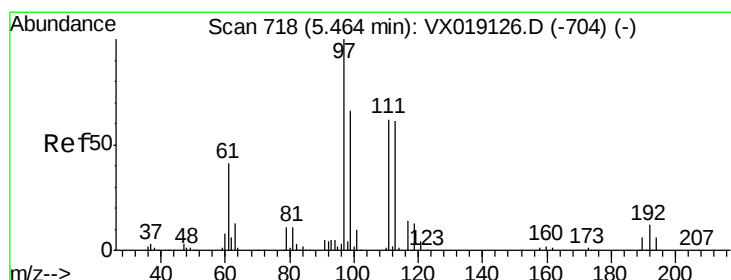
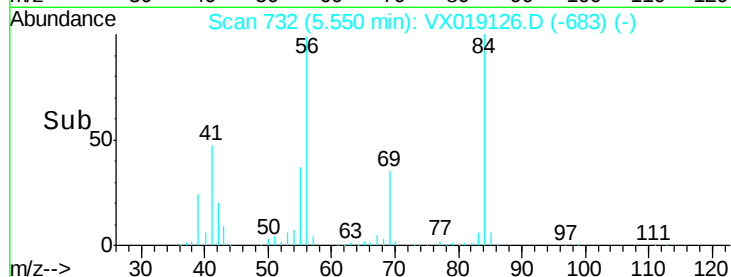
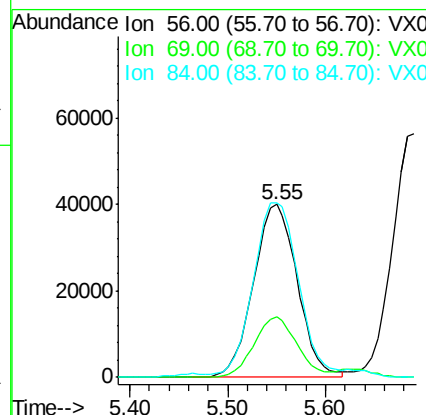
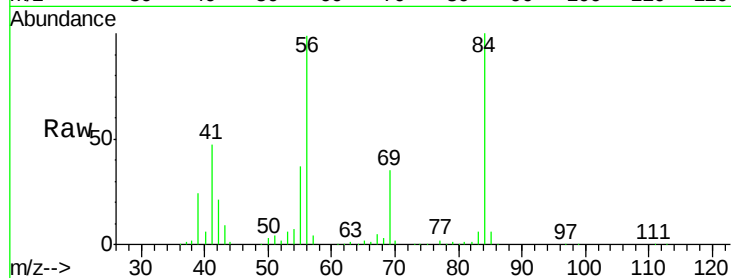
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	124687
Ion	Ratio	Lower	Upper
56	100		
69	35.1	28.1	42.1
84	98.8	79.0	118.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.702 ug/l

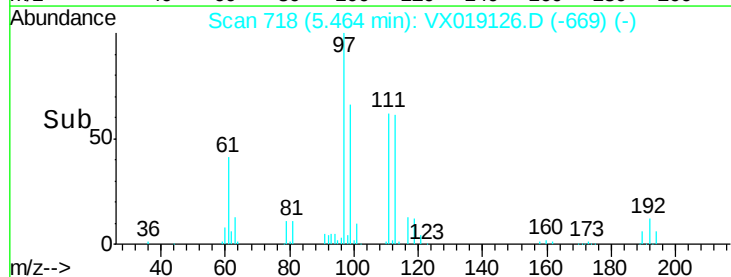
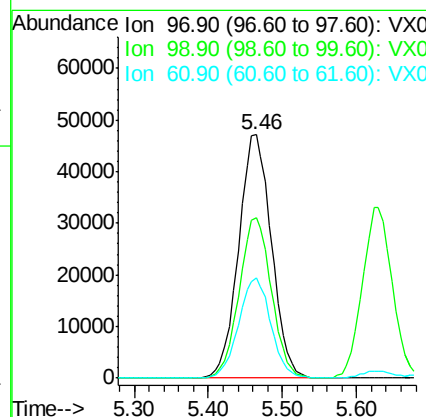
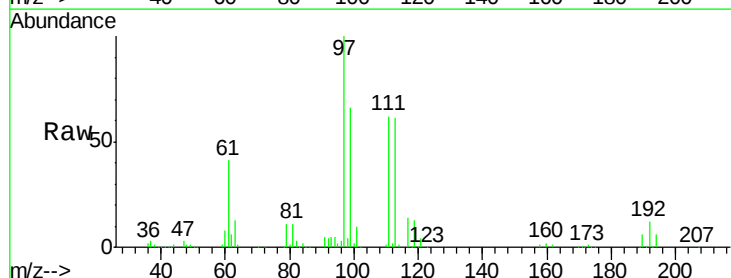
RT: 5.46 min Scan# 718

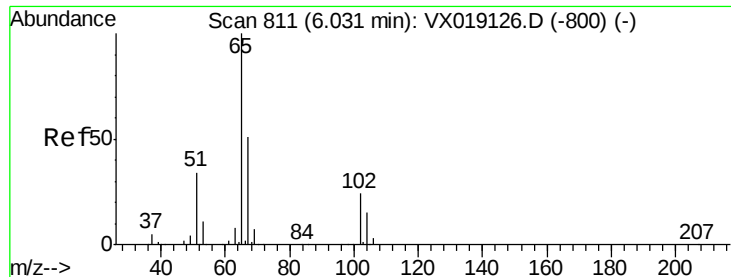
Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion:	97	Resp:	145678
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.6	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 38.474 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 94150

Ion Ratio Lower Upper

65 100

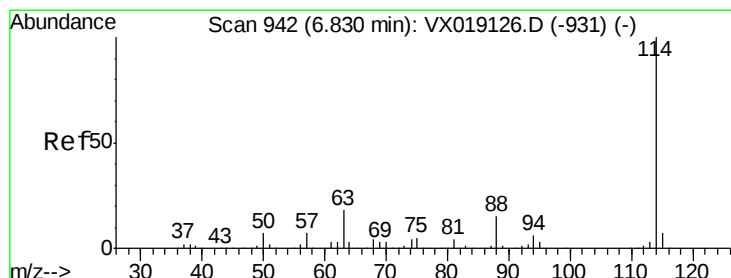
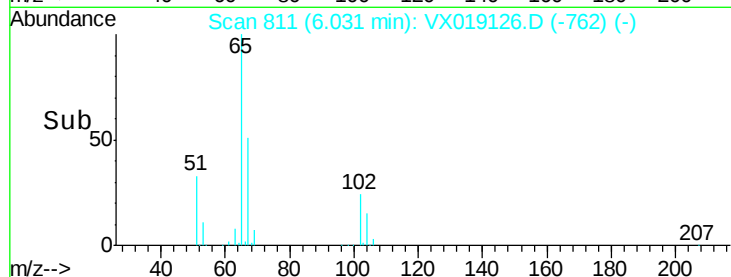
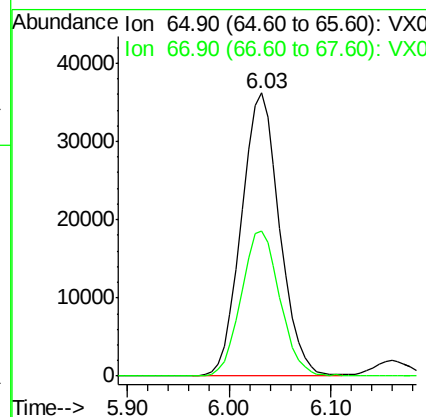
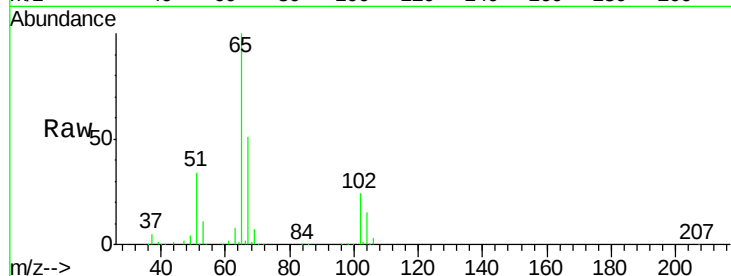
67 52.0 0.0 104.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

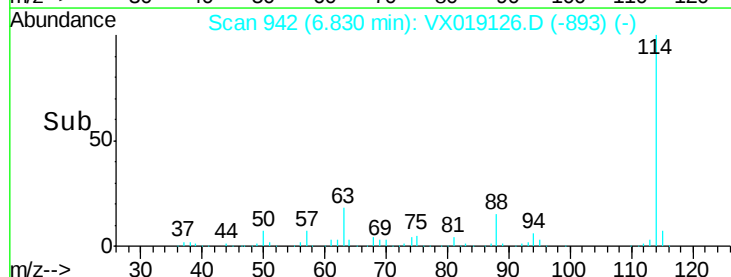
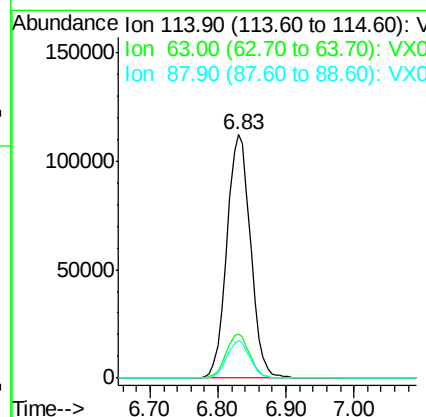
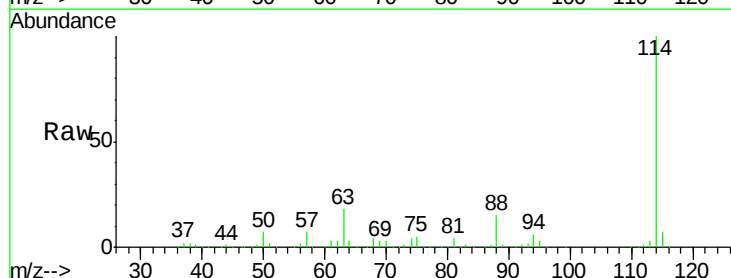
Tgt Ion: 114 Resp: 270797

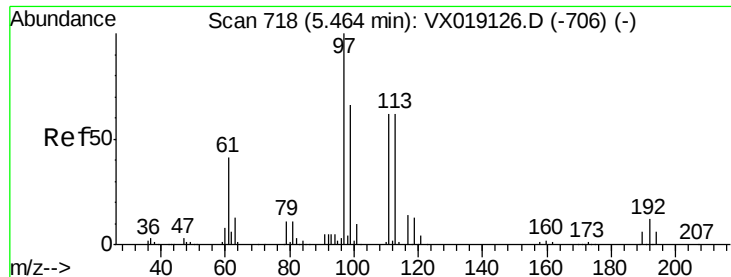
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 15.4 0.0 30.8





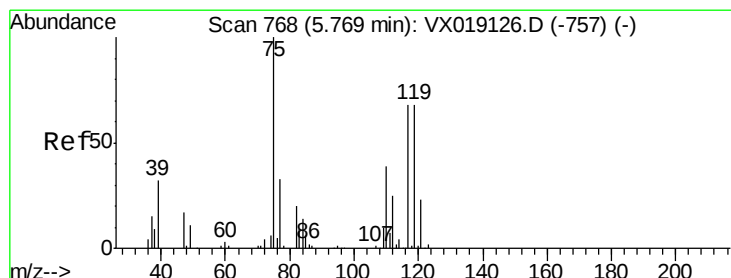
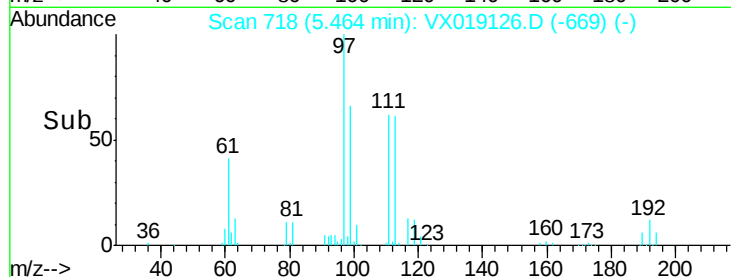
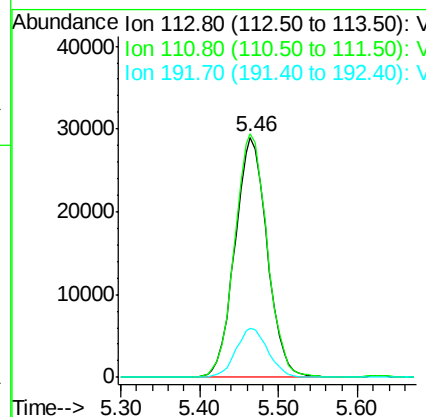
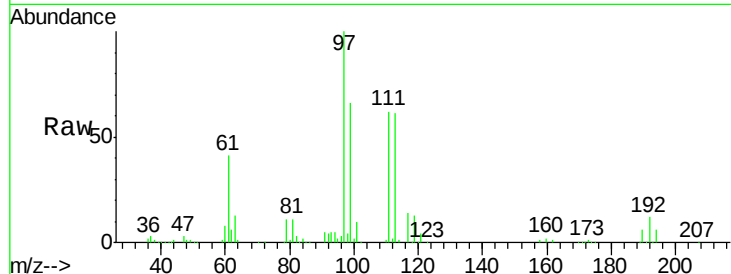
#35
 Dibromofluoromethane
 Concen: 41.721 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	82322		
111	102.2		81.8	122.6
192	20.1		16.1	24.1

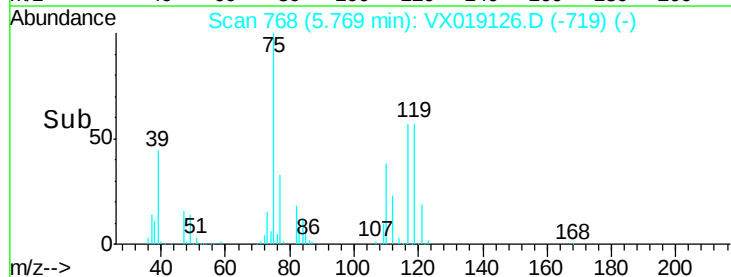
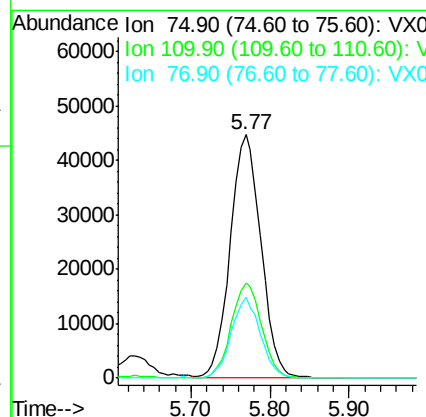
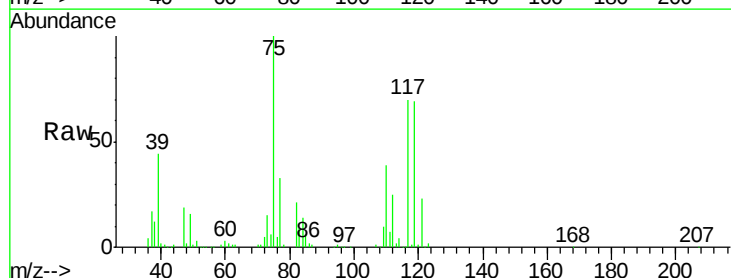
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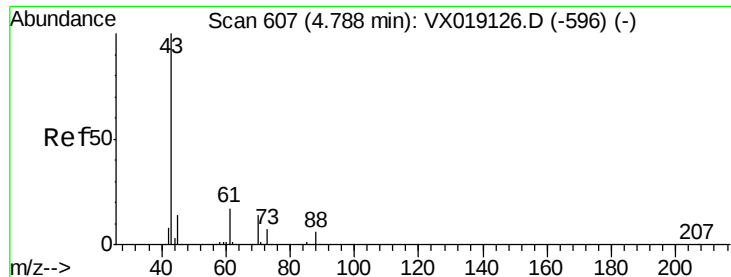
MMDadoda
 10/27/2020 6:55:30 PM



#36
 1,1-Dichloropropene
 Concen: 52.128 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	121414		
110	38.6		19.3	57.9
77	31.7		25.4	38.0





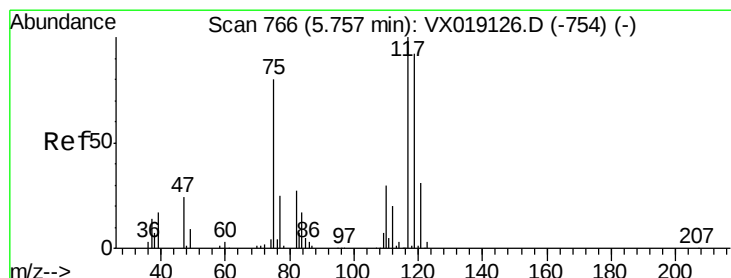
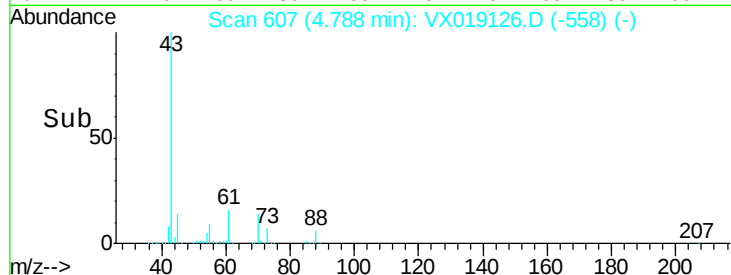
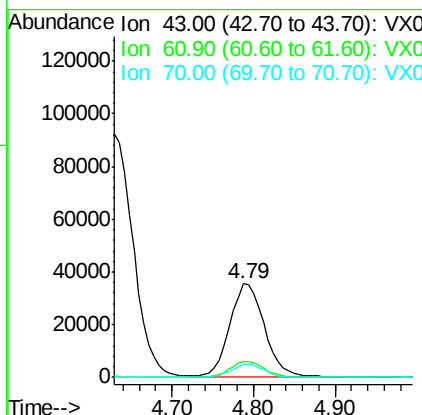
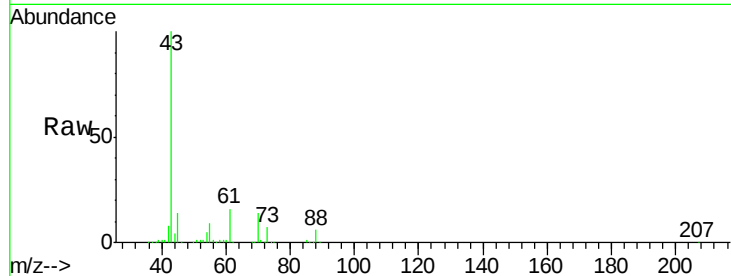
#37
Ethyl Acetate
Concen: 51.102 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	13.6	20.4
70	13.8	11.0	16.6

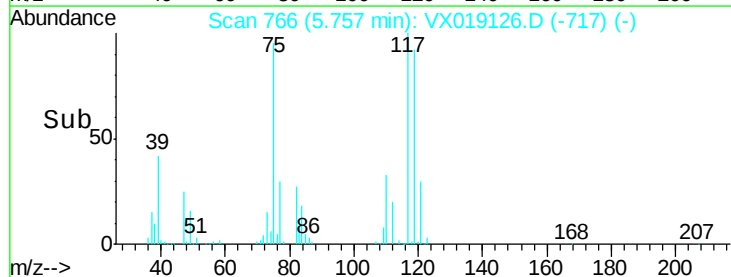
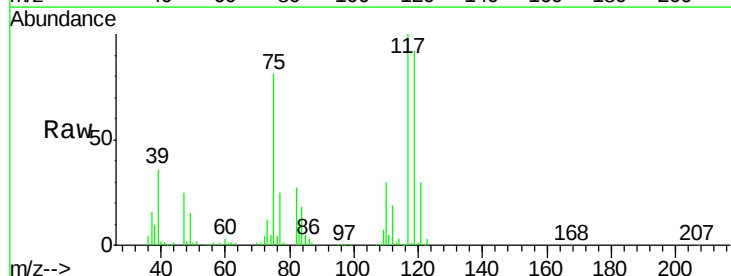
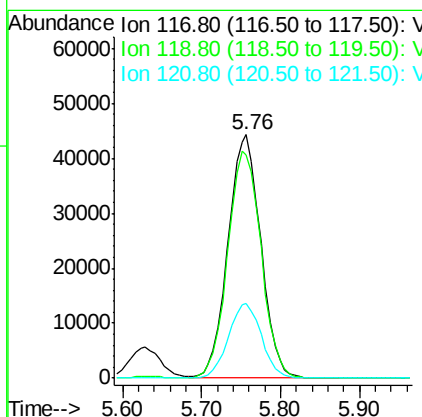
Manual Integrations
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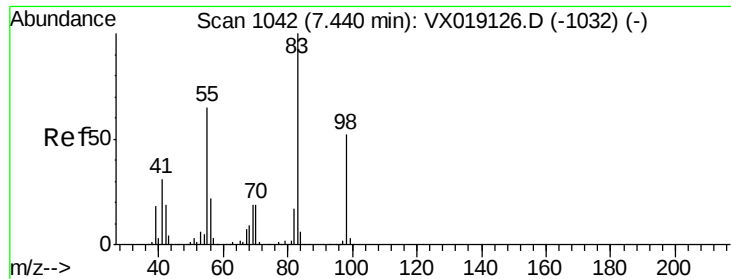
MMDadoda
10/27/2020 6:55:30 PM



#38
Carbon Tetrachloride
Concen: 54.431 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	73.5	110.3
121	30.4	24.3	36.5





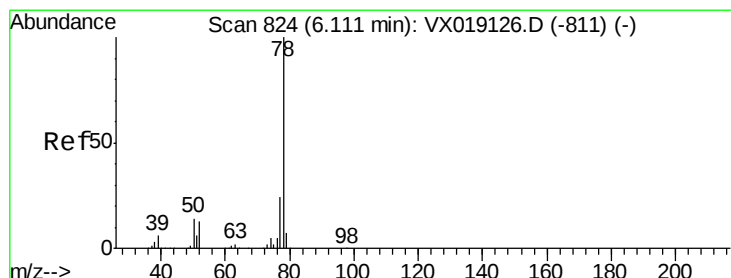
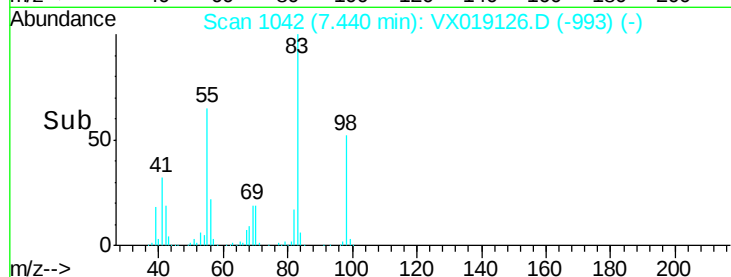
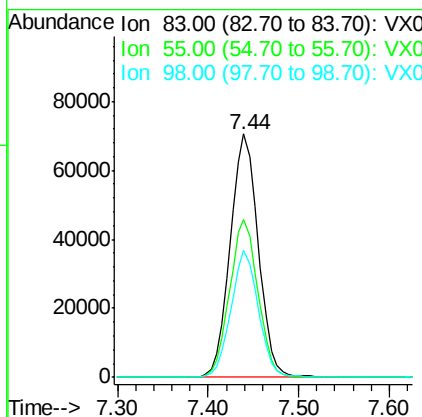
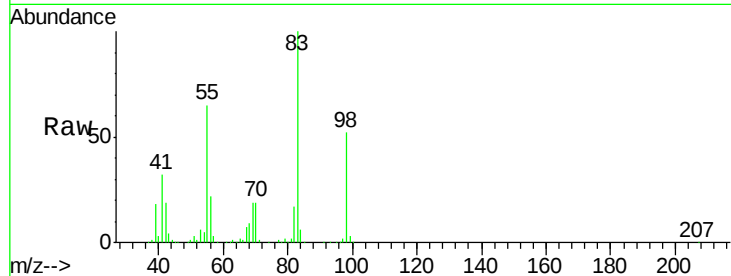
#39
Methvlcvclohexane
Concen: 53.493 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.6	51.7	77.5
98	52.4	41.9	62.9

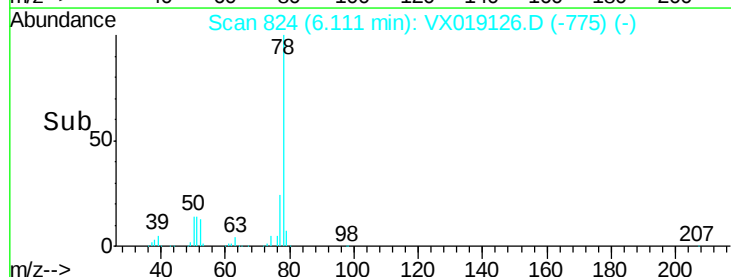
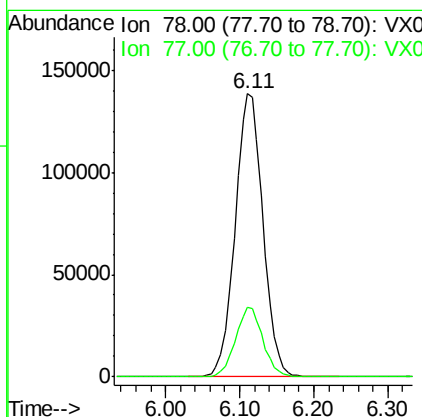
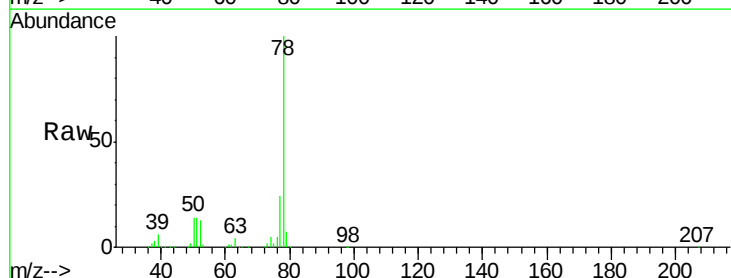
Manual Integrations
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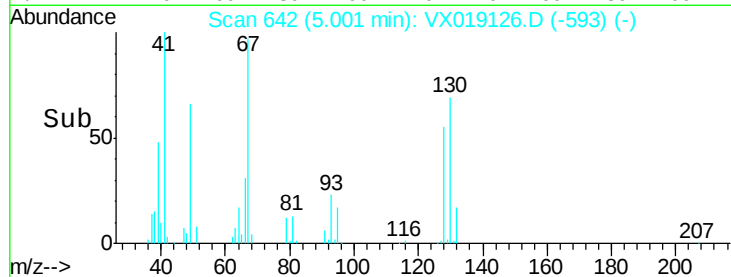
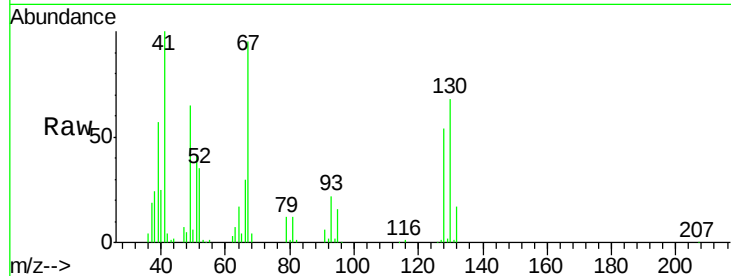
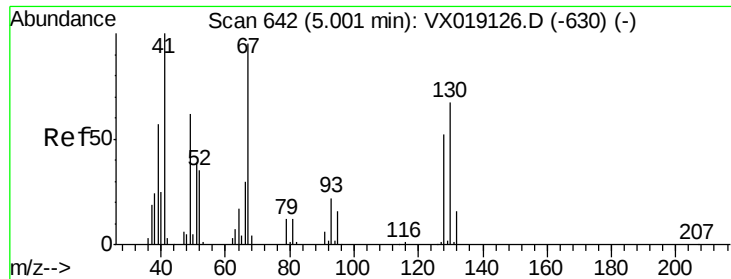
MMDadoda
10/27/2020 6:55:30 PM



#40
Benzene
Concen: 52.949 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

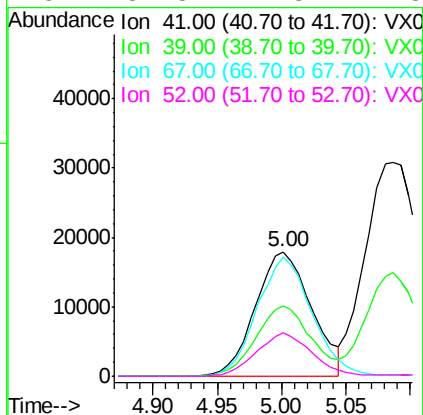
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41
Methacrylonitrile
Concen: 52.726 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

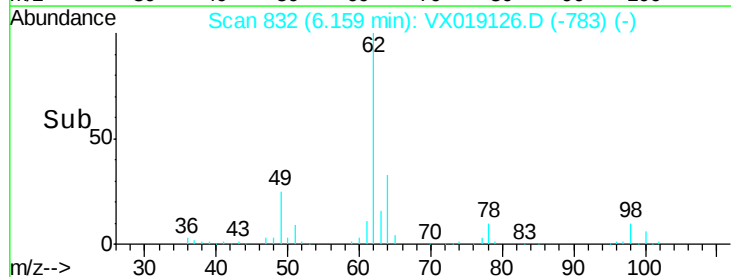
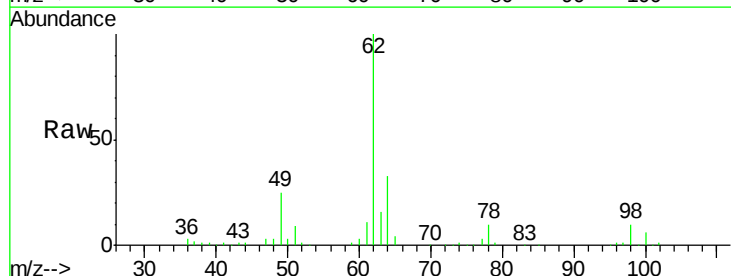
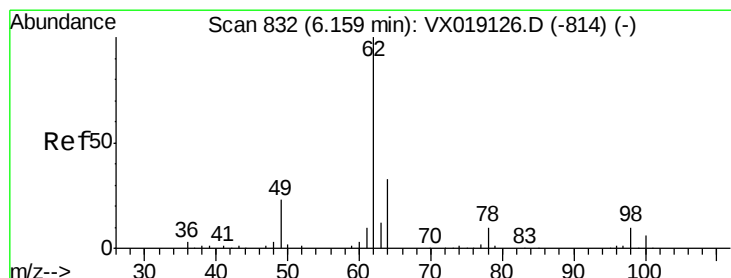
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	44.7	67.1	
67	94.1	75.3	112.9	
52	34.8	27.8	41.8	



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

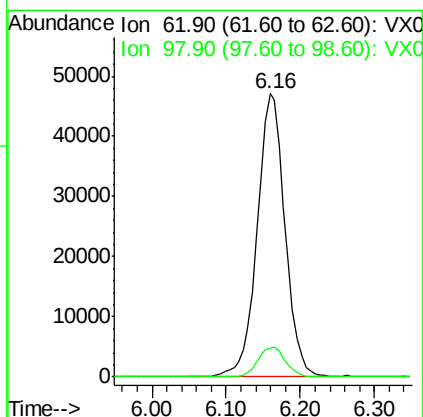
Manual Integrations
APPROVED

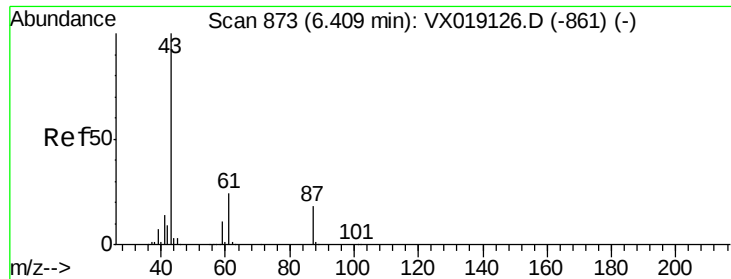
MMDadoda
10/27/2020 6:55:30 PM



#42
1,2-Dichloroethane
Concen: 53.447 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	21.0	





#43

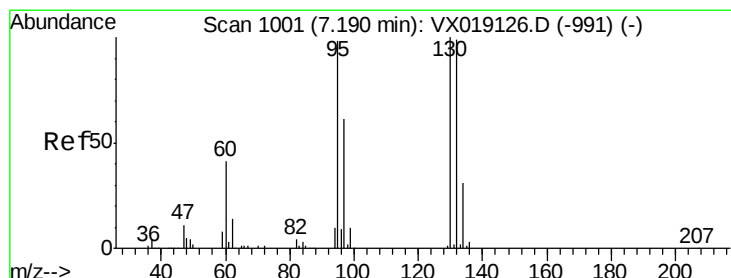
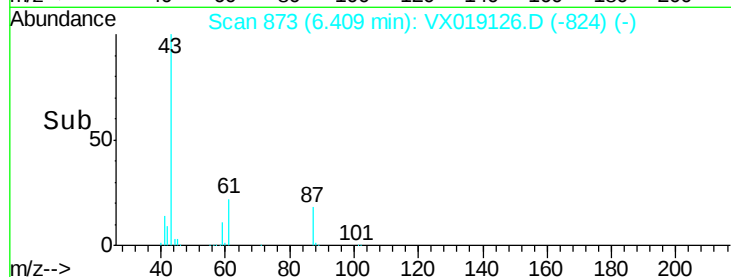
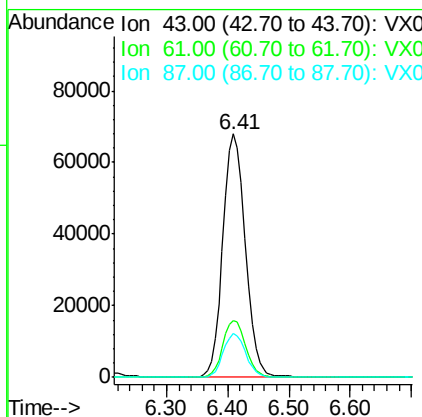
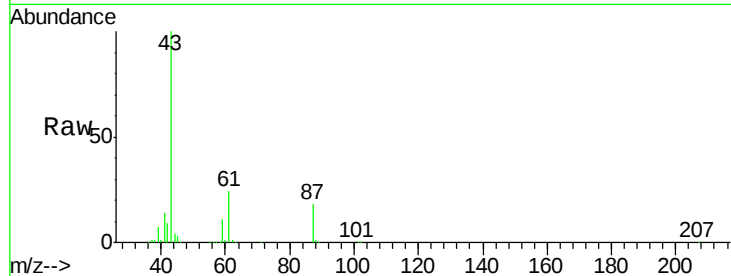
Isopropyl Acetate
 Concen: 52.682 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	172543
Ion Ratio	100	Lower	Upper
43	100		
61	23.7	19.0	28.4
87	17.9	14.3	21.5

Manual Integrations
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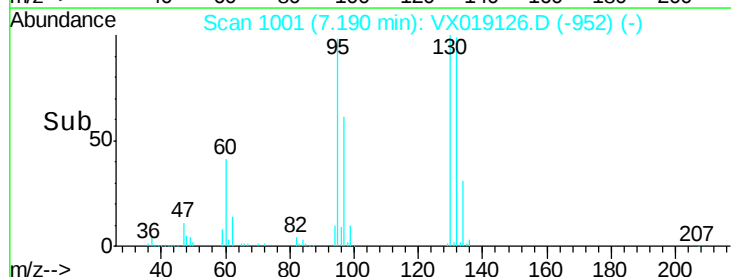
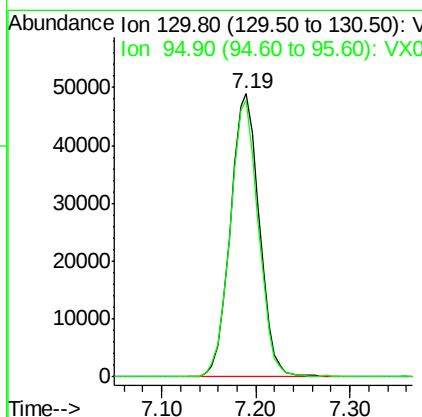
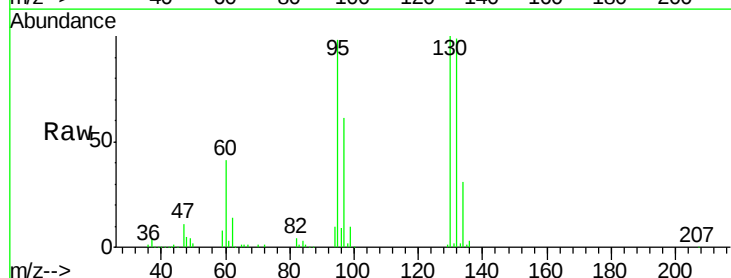
MMDadoda
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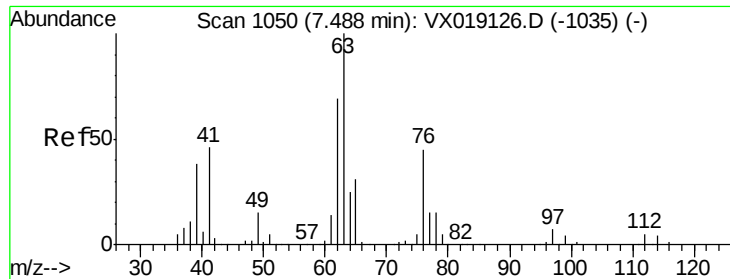


#44

Trichloroethene
 Concen: 53.227 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	130	Resp	104106
Ion Ratio	100	Lower	Upper
130	100		
95	97.8	0.0	195.6





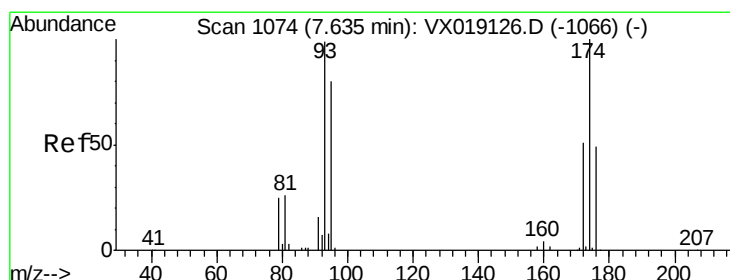
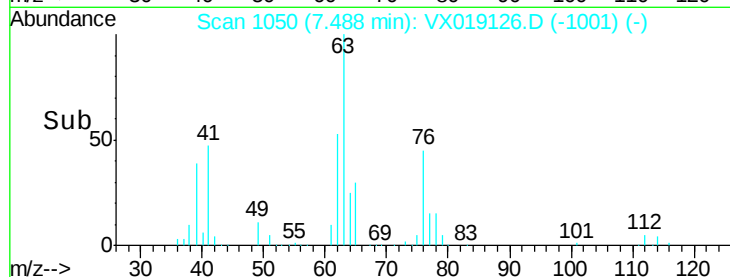
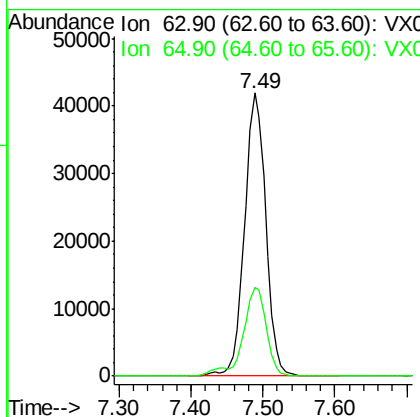
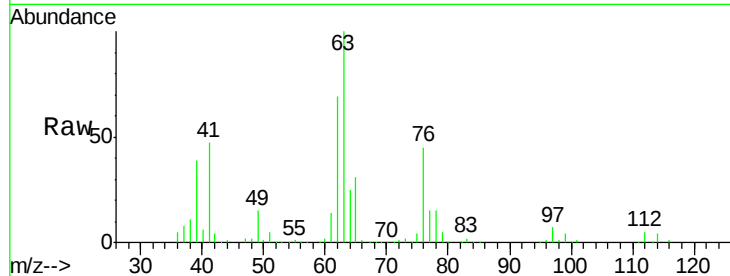
#45
 1,2-Dichloropropane
 Concen: 53.959 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 85593
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

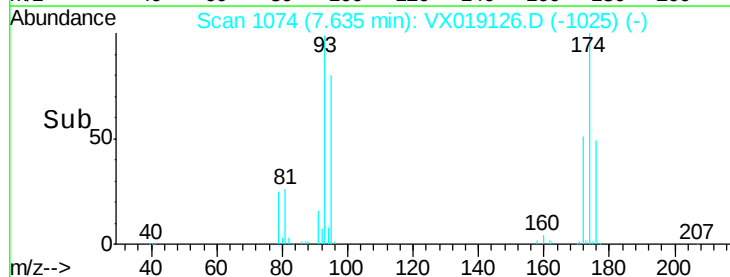
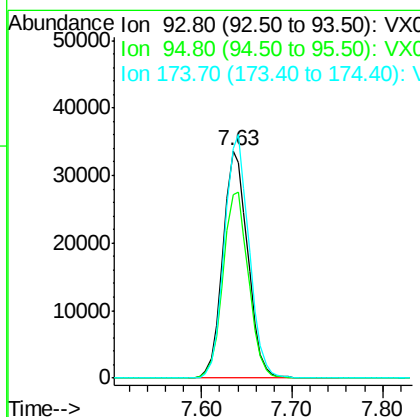
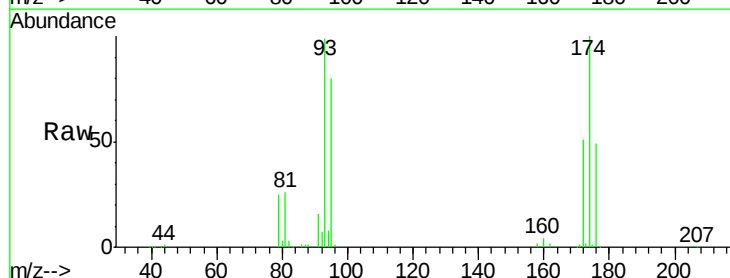
Manual Integrations
 APPROVED

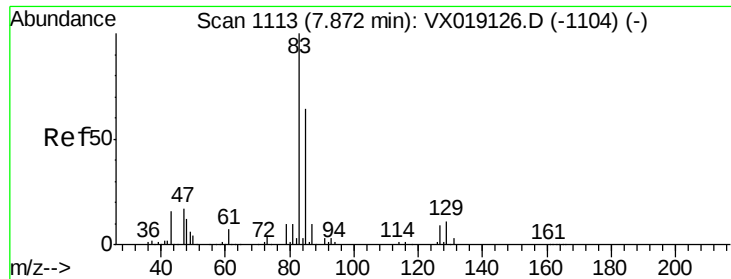
MMDadoda
 10/27/2020 6:55:30 PM



#46
 Dibromomethane
 Concen: 53.860 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion: 93 Resp: 64475
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 105.6 84.5 126.7





#47

Bromodichloromethane

Concen: 55.813 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

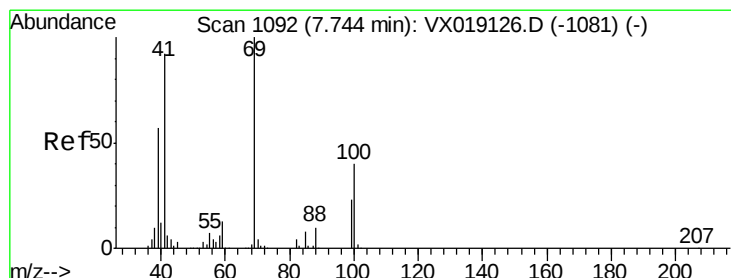
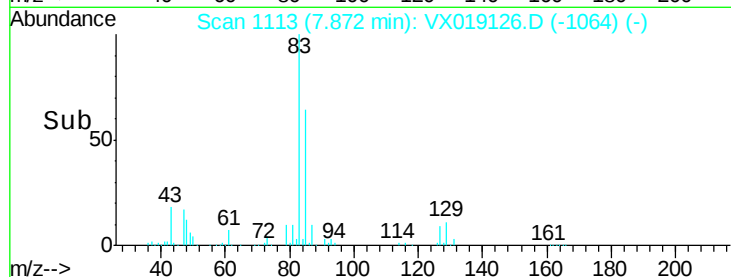
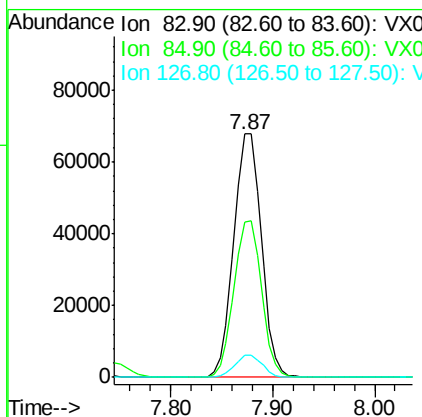
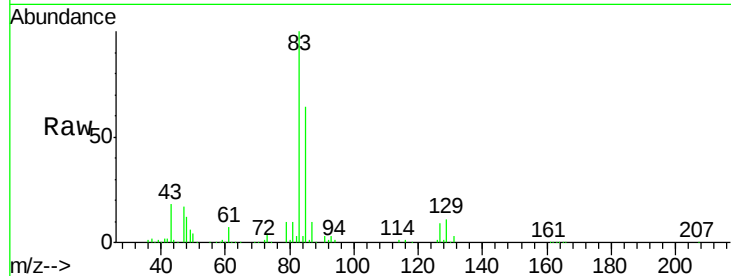
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	127837
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	9.3	7.4	11.2

Manual Integrations
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10/27/2020 6:55:30 PM



#48

Methyl methacrylate

Concen: 53.429 ug/l

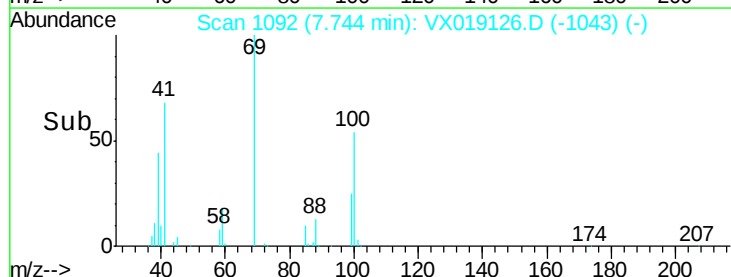
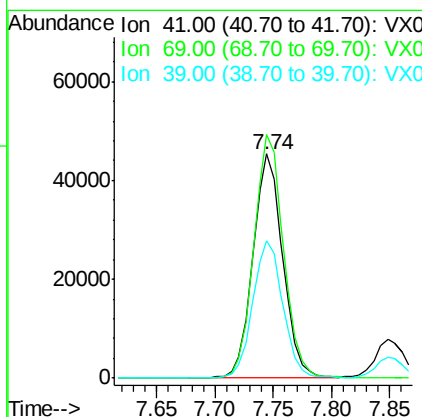
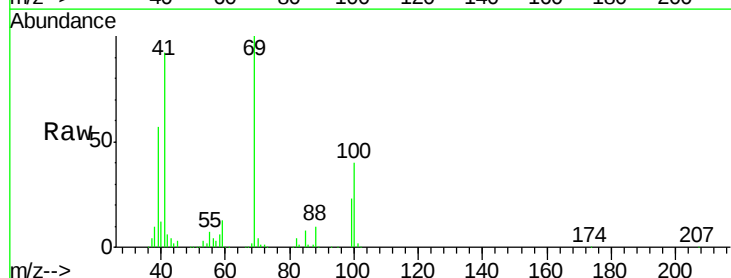
RT: 7.74 min Scan# 1092

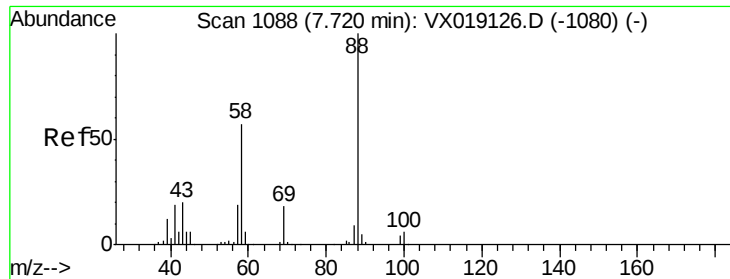
Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion:	41	Resp:	81223
Ion	Ratio	Lower	Upper
41	100		
69	107.9	86.3	129.5
39	62.1	49.7	74.5





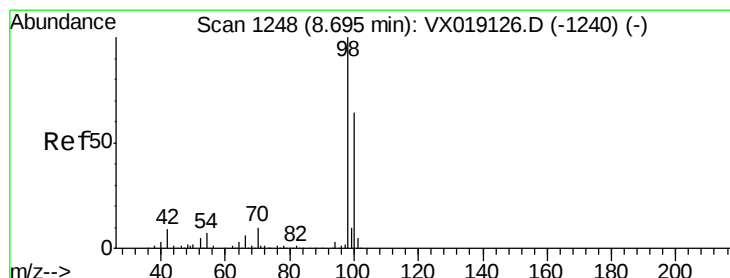
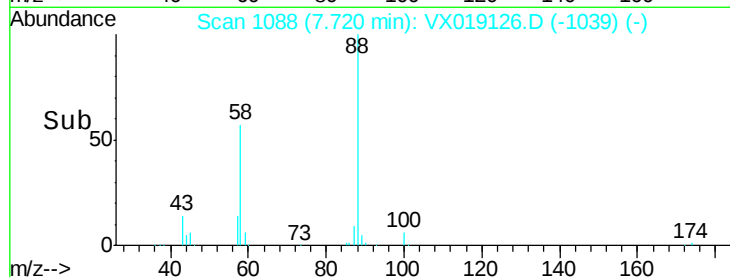
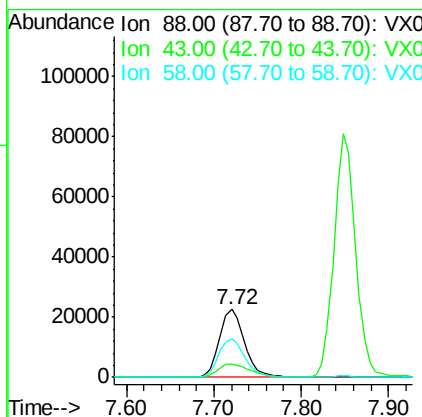
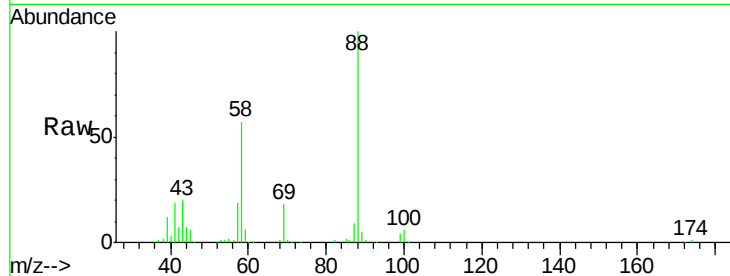
#49
1,4-Dioxane
Concen: 1110.861 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.6	19.7	29.5
58	59.7	47.8	71.6

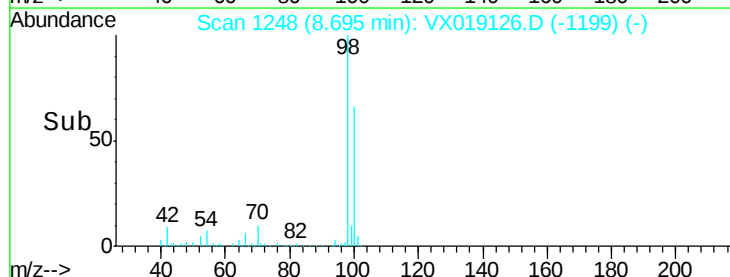
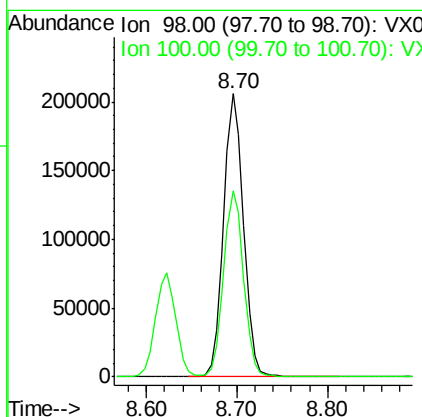
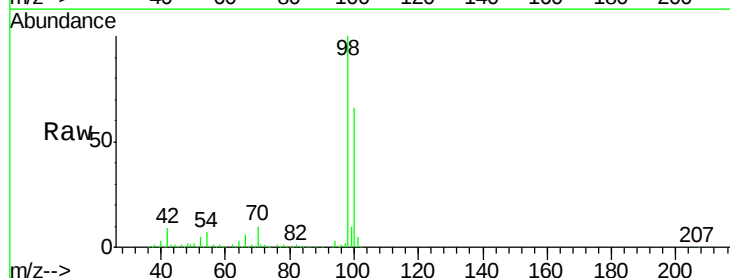
Manual Integrations
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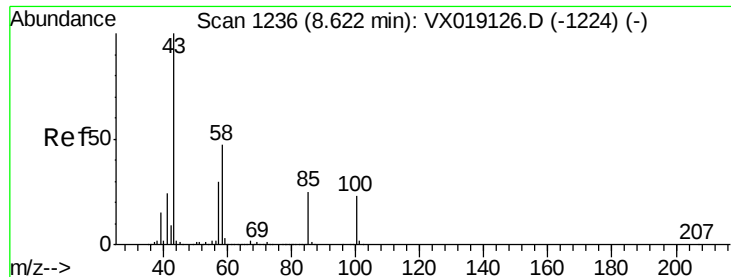
MMDadoda
10/27/2020 6:55:30 PM



#50
Toluene-d8
Concen: 43.195 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





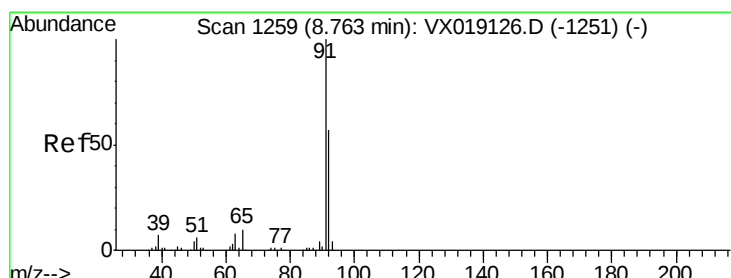
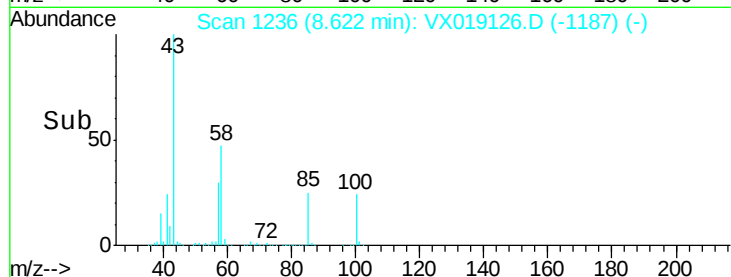
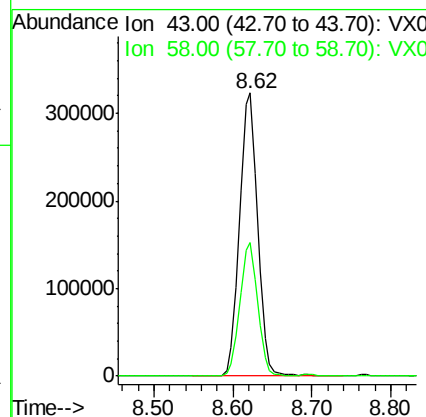
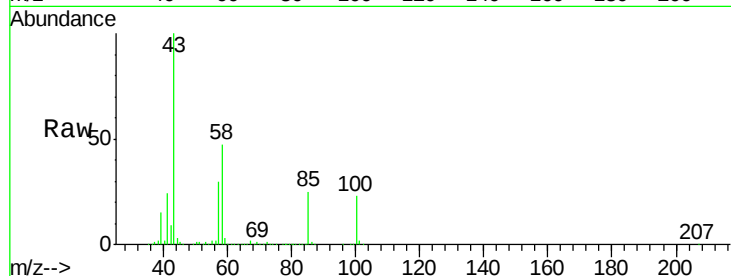
#51
4-Methyl-2-Pentanone
Concen: 273.706 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	46.6	37.3	55.9

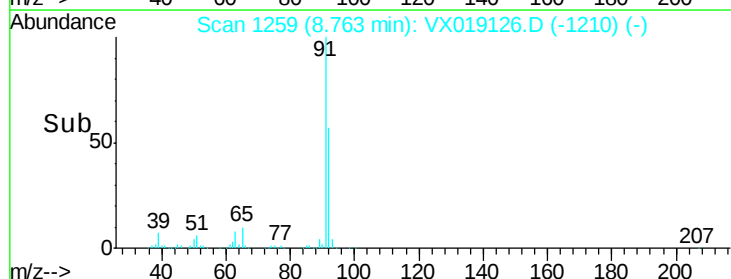
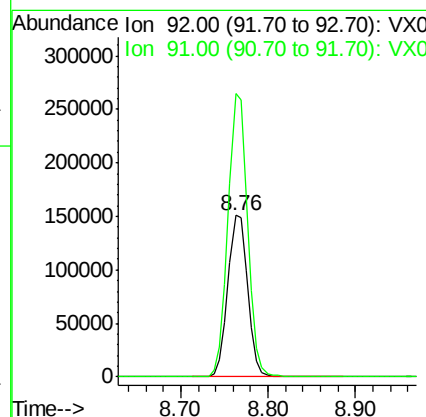
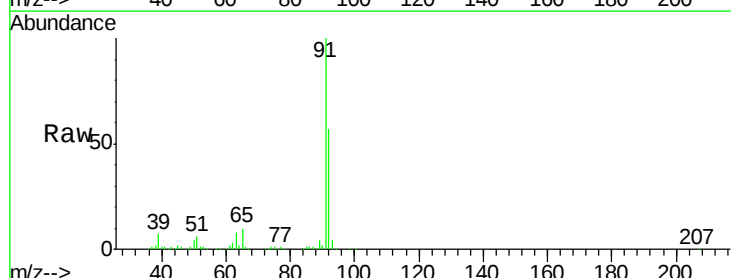
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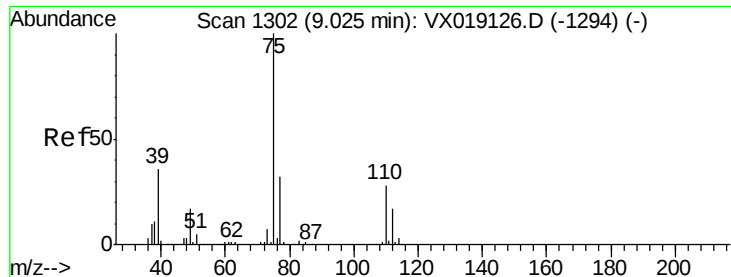
MMDadoda
10/27/2020 6:55:30 PM



#52
Toluene
Concen: 54.326 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.0	138.4	207.6





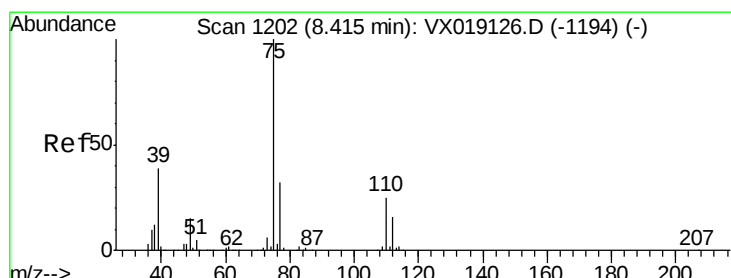
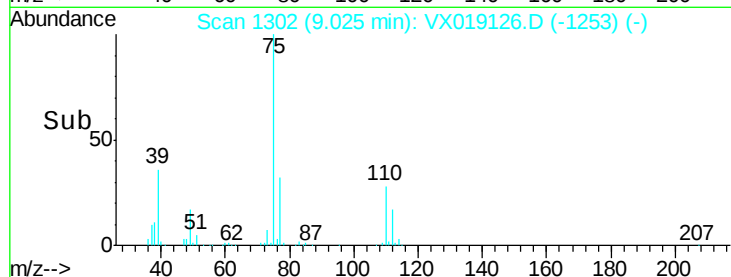
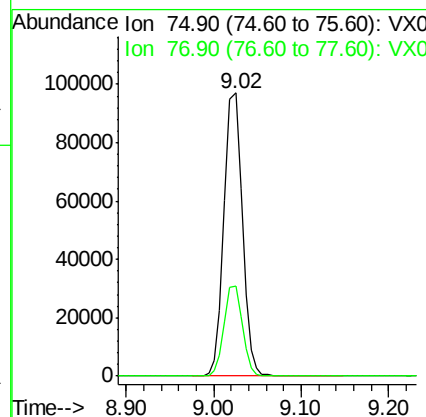
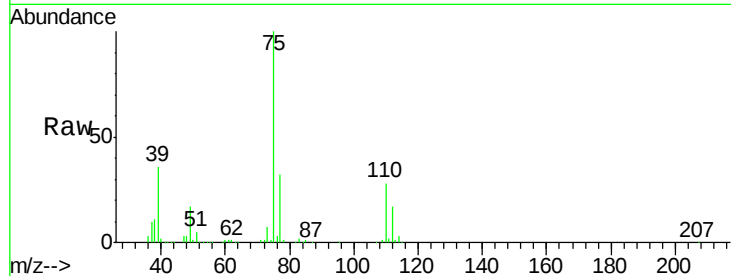
#53
t-1,3-Dichloropropene
Concen: 56.693 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 142047
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

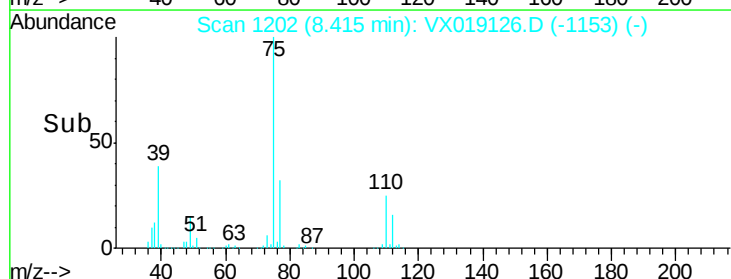
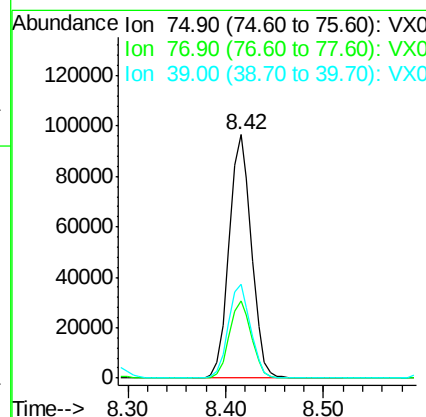
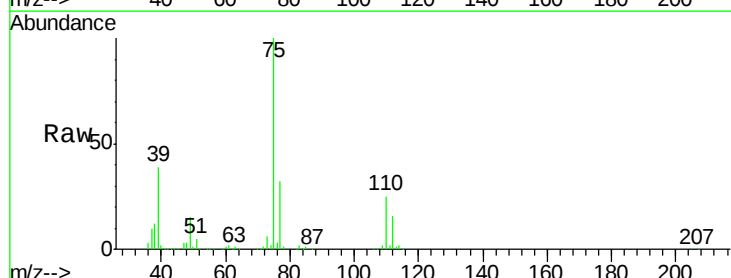
Manual Integrations
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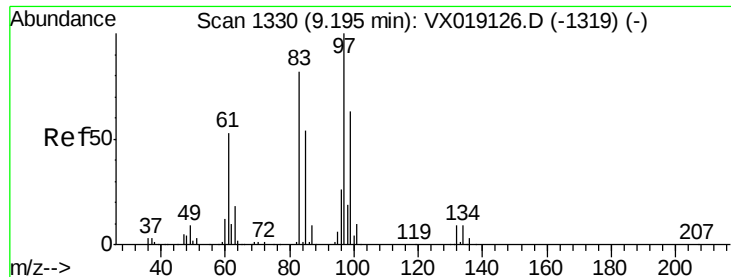
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#54
cis-1,3-Dichloropropene
Concen: 56.693 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion: 75 Resp: 152866
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 38.8 31.0 46.6





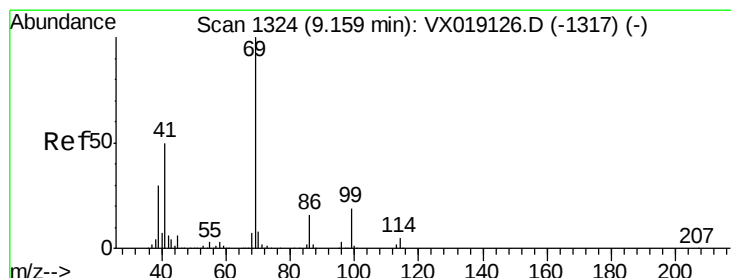
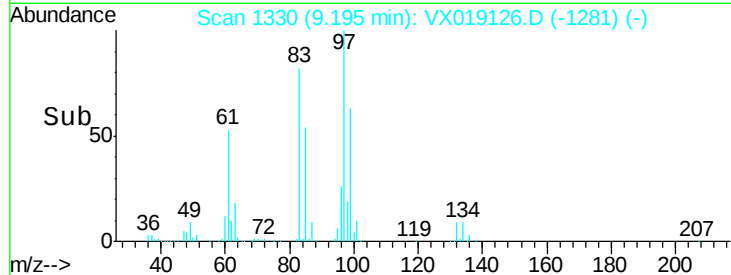
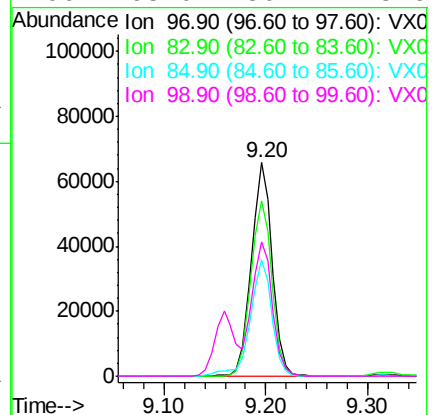
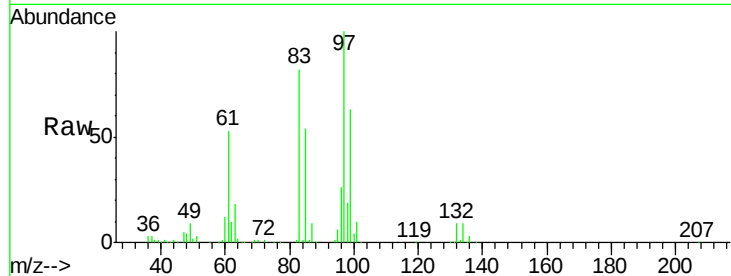
#55
 1,1,2-Trichloroethane
 Concen: 54.091 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	93989
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.6	98.4
85	54.3	43.4	65.2
99	63.0	50.4	75.6

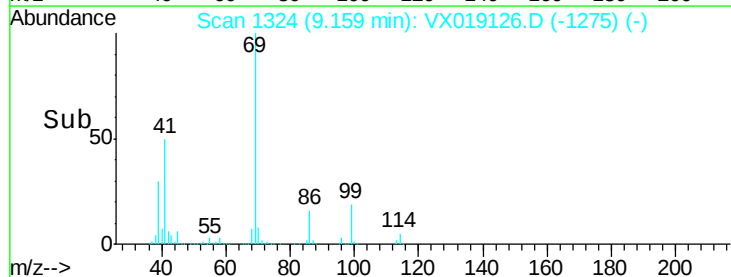
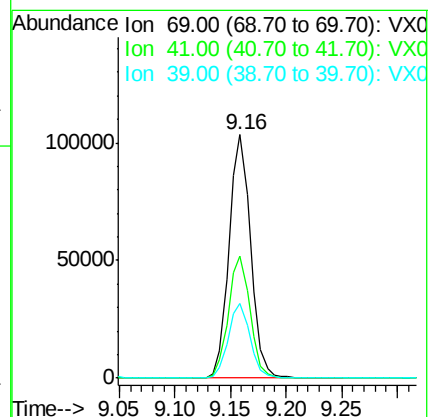
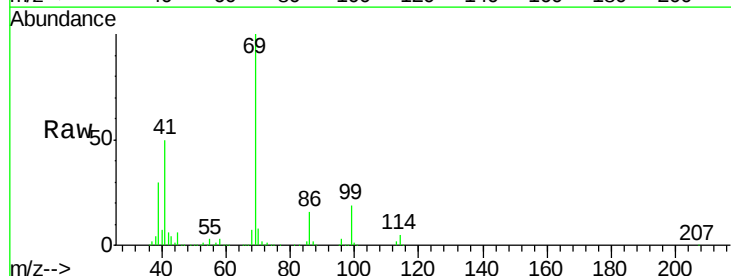
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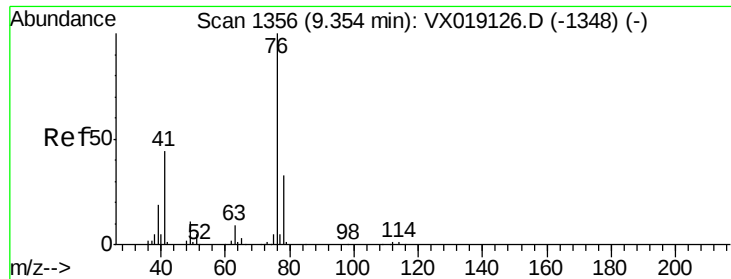
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 10/27/2020 6:55:30 PM



#56
 Ethyl methacrylate
 Concen: 57.153 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion:	69	Resp:	138943
Ion	Ratio	Lower	Upper
69	100		
41	50.4	40.3	60.5
39	30.8	24.6	37.0





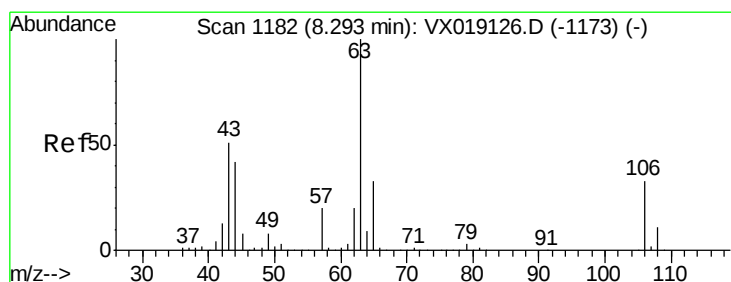
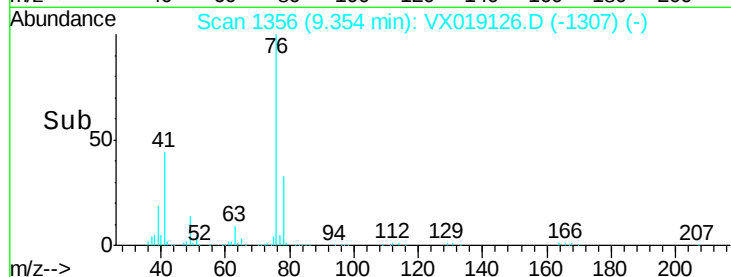
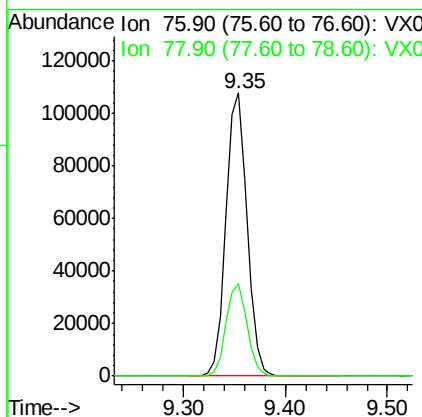
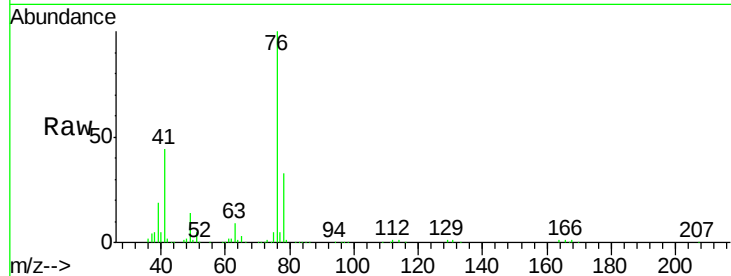
#57
 1,3-Dichloropropane
 Concen: 53.654 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 153528
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

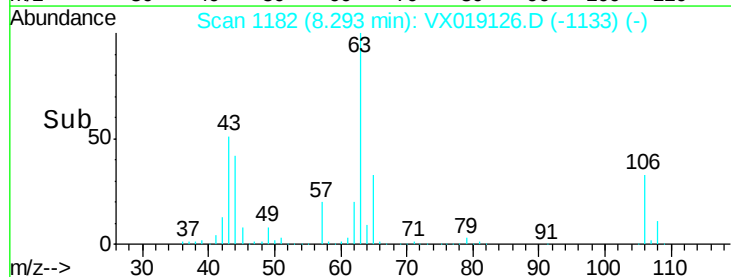
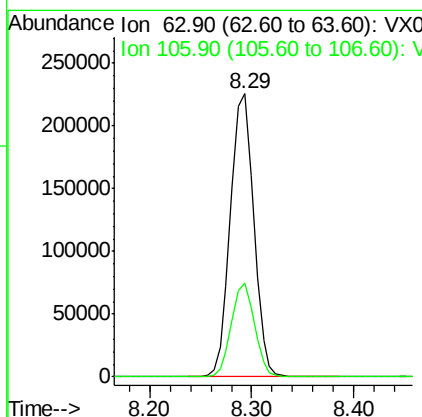
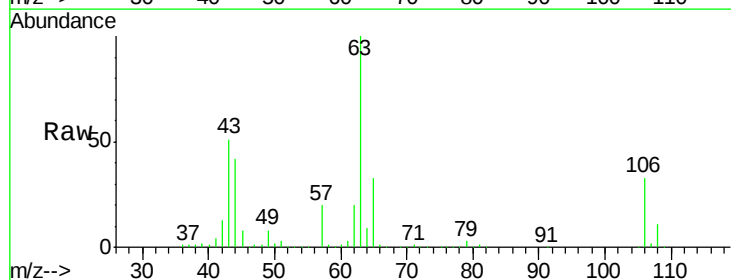
Manual Integrations
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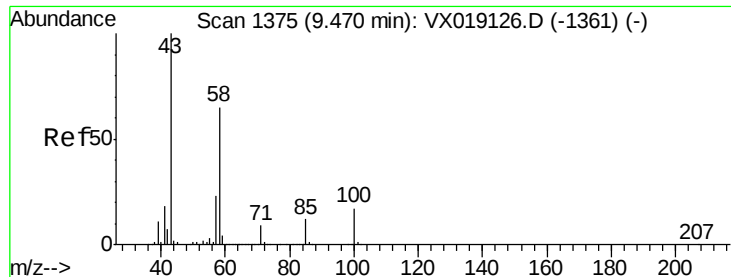
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.300 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion: 63 Resp: 357542
 Ion Ratio Lower Upper
 63 100
 106 32.8 26.2 39.4





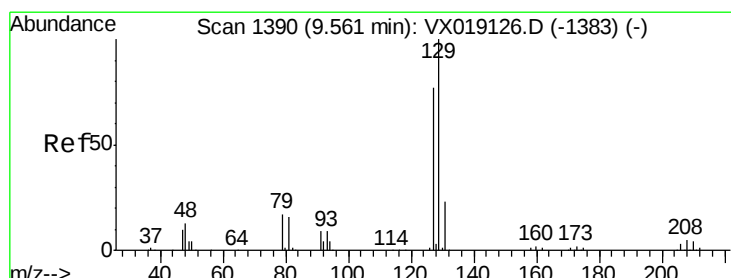
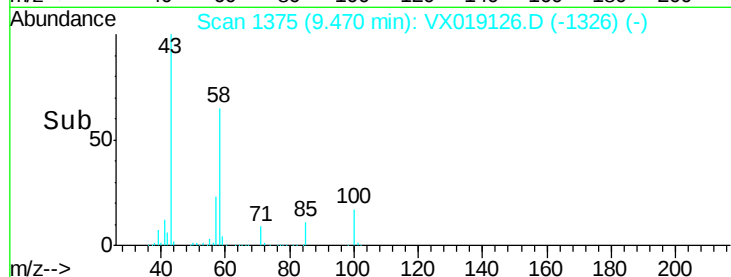
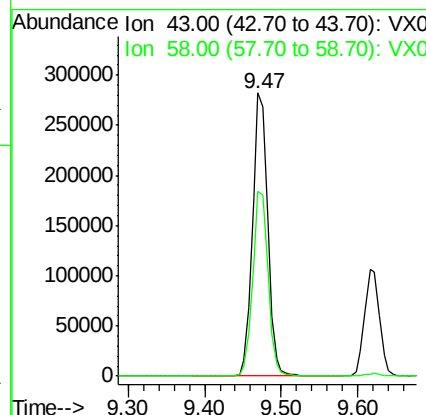
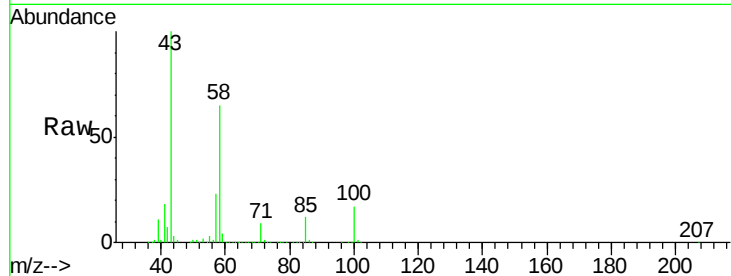
#59
2-Hexanone
Concen: 272.477 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	66.2	33.1	99.3

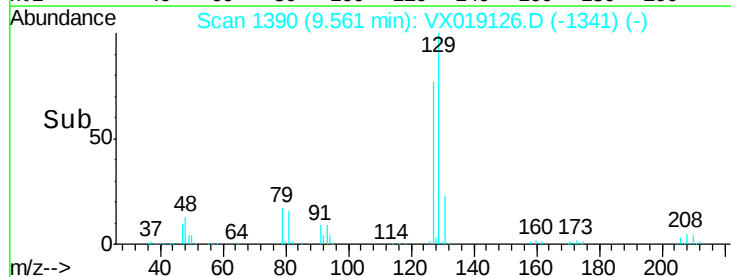
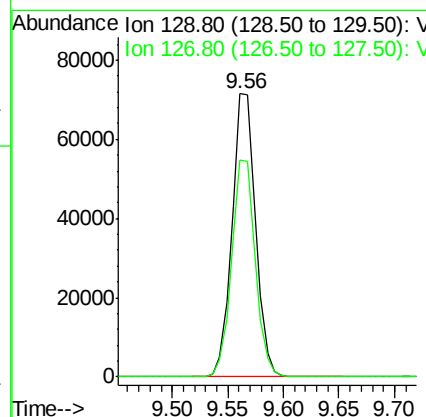
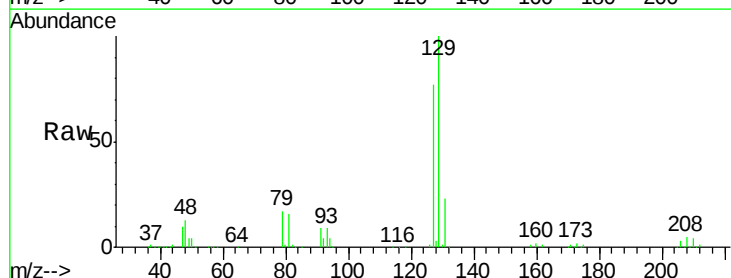
Manual Integrations
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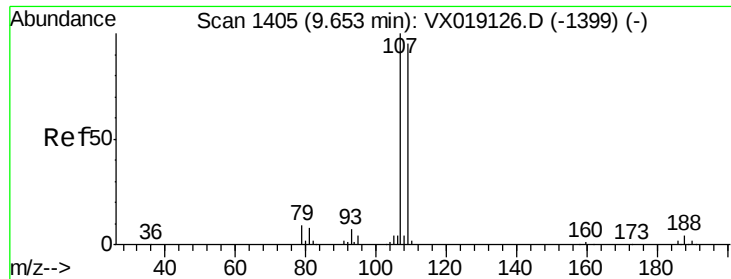
MMDadoda
10/27/2020 6:55:30 PM



#60
Dibromochloromethane
Concen: 59.113 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 55.619 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 101496

Ion Ratio Lower Upper

107 100

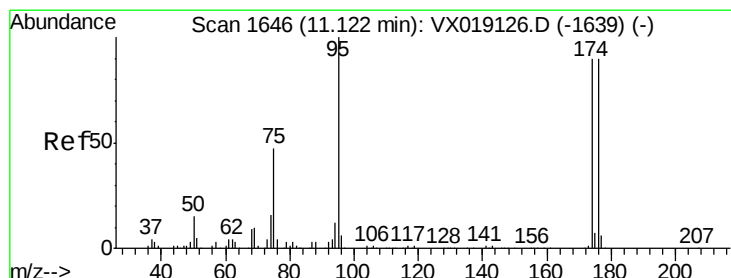
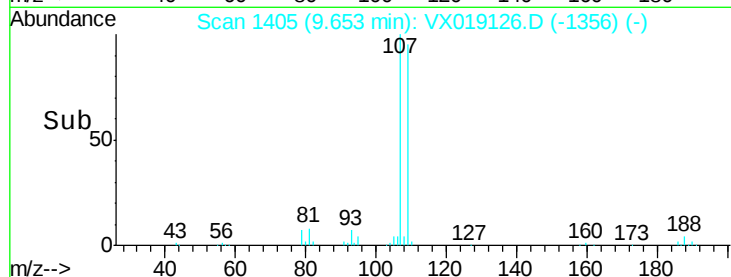
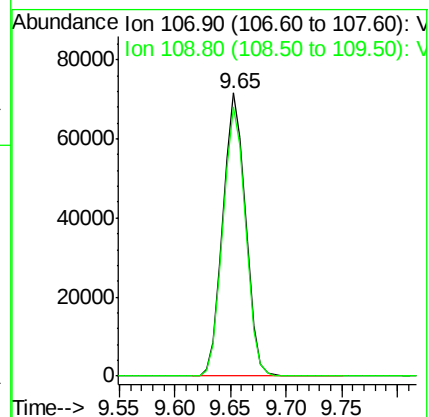
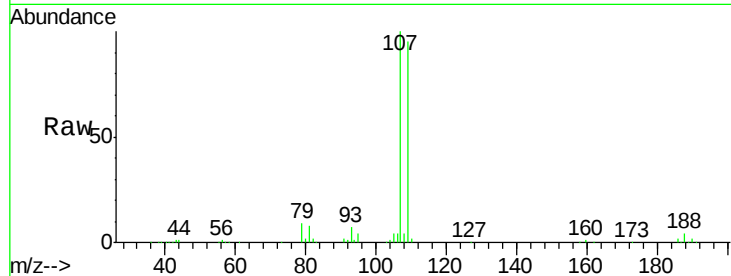
109 94.6 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.411 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

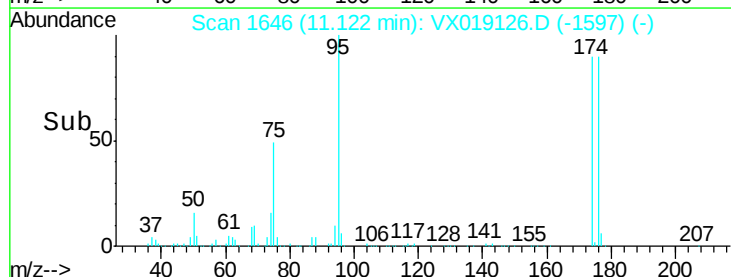
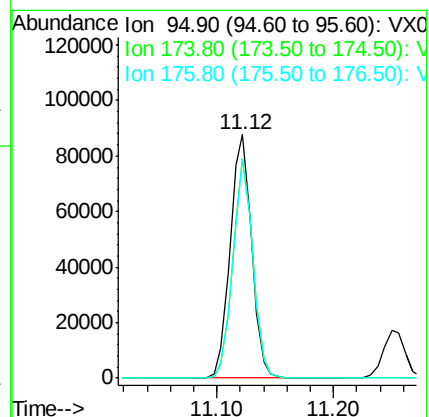
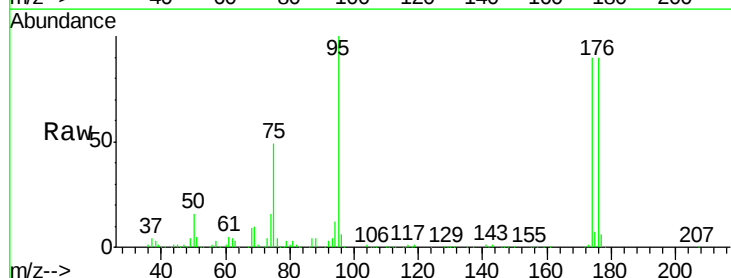
Tgt Ion: 95 Resp: 111399

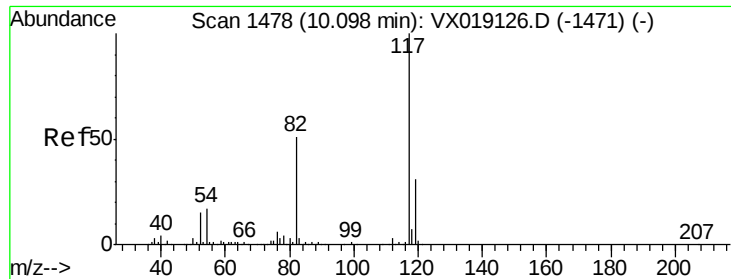
Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.6

176 84.6 0.0 169.2





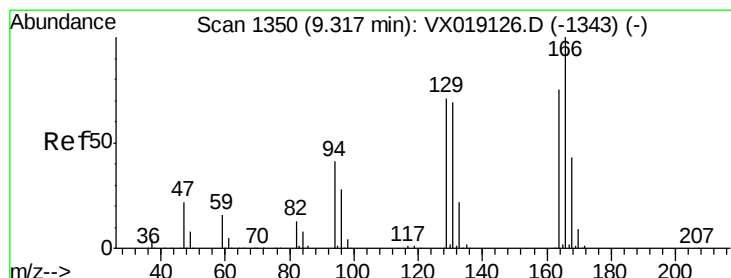
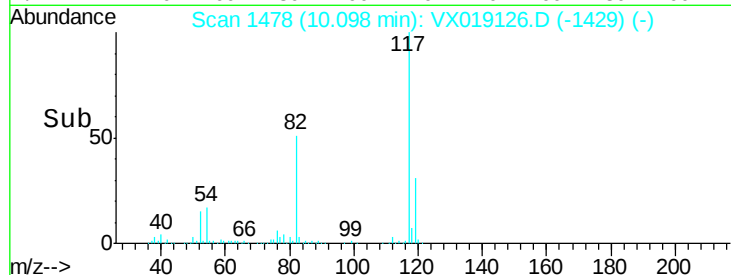
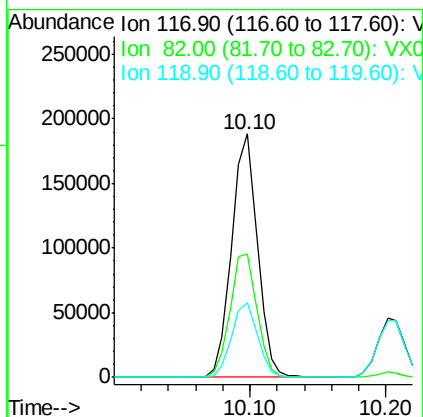
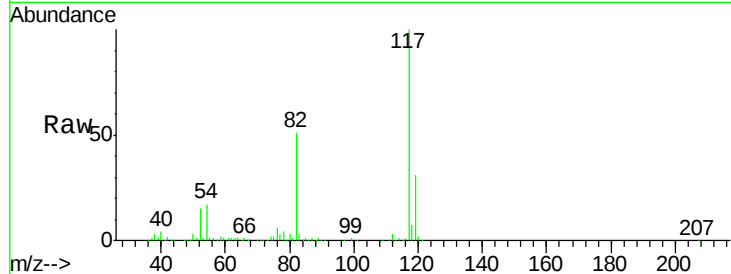
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	249185		
82	50.7		40.6	60.8
119	30.9		24.7	37.1

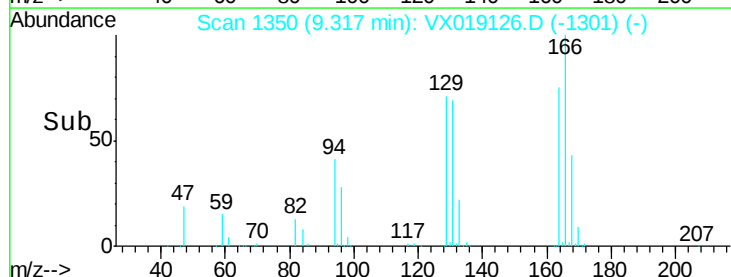
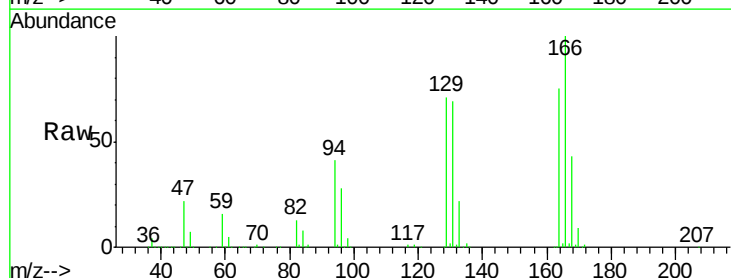
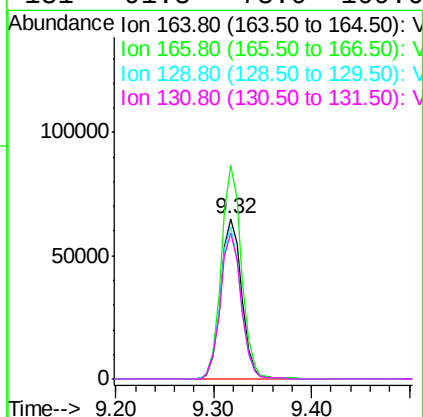
Manual Integrations
APPROVED

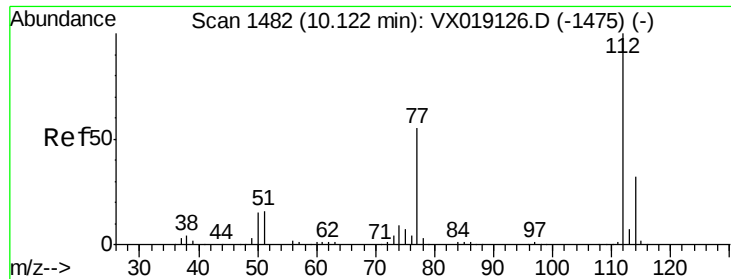
MMDadoda
10/27/2020 6:55:30 PM



#64
Tetrachloroethene
Concen: 50.420 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96771		
166	133.0		106.4	159.6
129	94.9		75.9	113.9
131	91.3		73.0	109.6





#65

Chlorobenzene

Concen: 52.795 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 254153

Ion Ratio Lower Upper

112 100

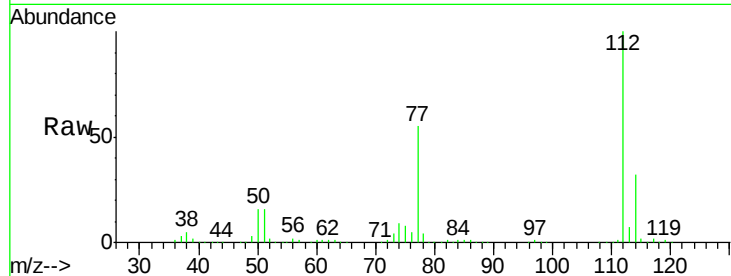
114 32.1 25.7 38.5

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

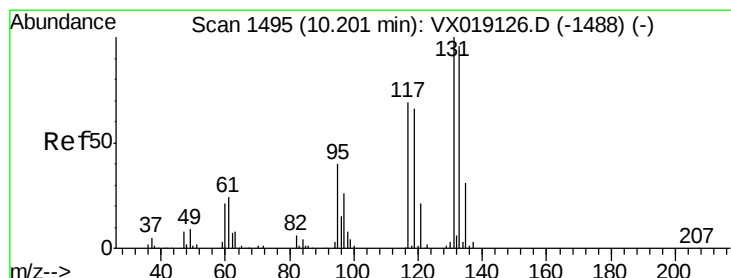
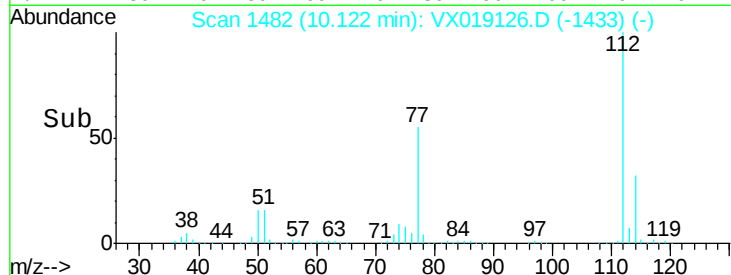
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 55.058 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

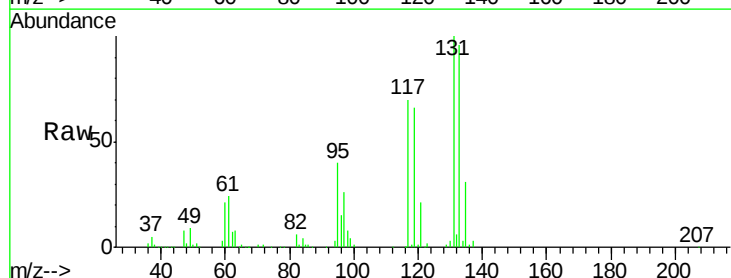
Tgt Ion:131 Resp: 93437

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.7

119 66.7 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

80000

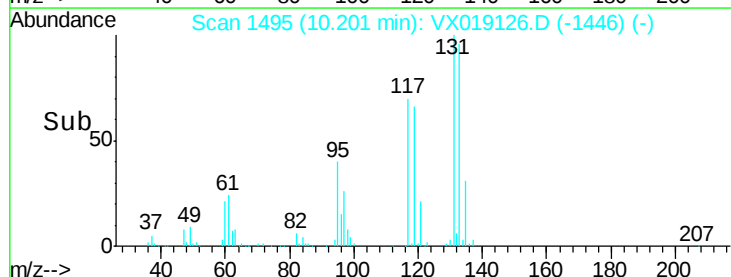
60000

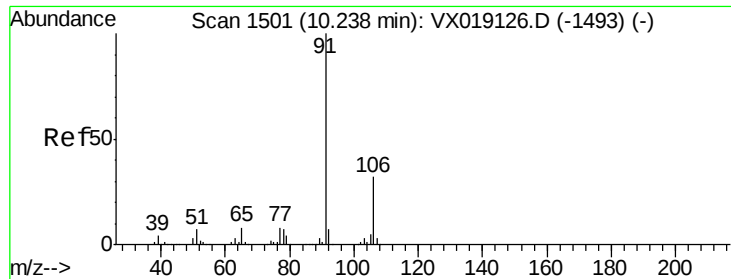
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 53.492 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 452553

Ion Ratio Lower Upper

91 100

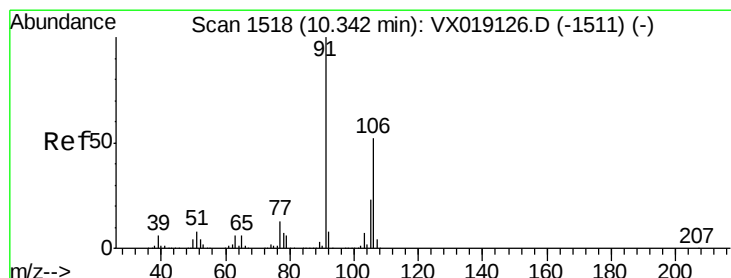
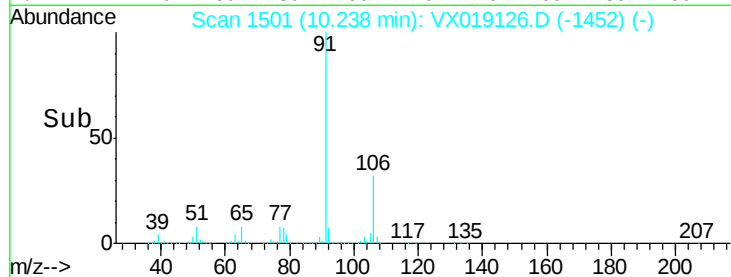
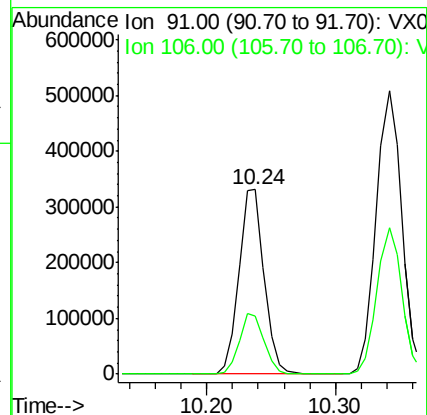
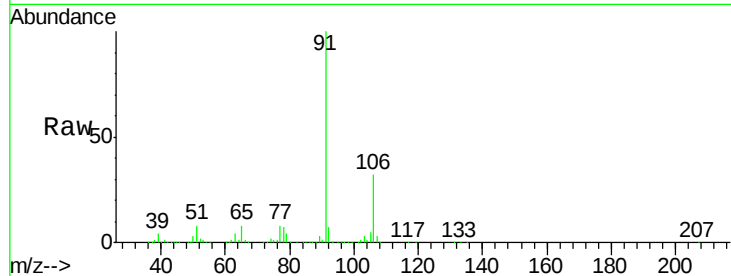
106 31.8 25.4 38.2

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 109.362 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019126.D

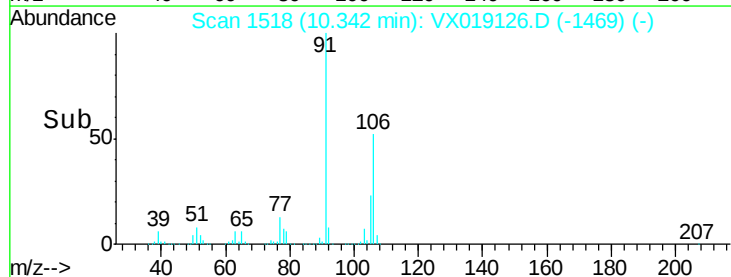
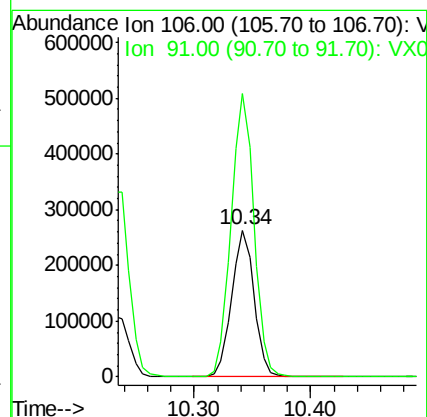
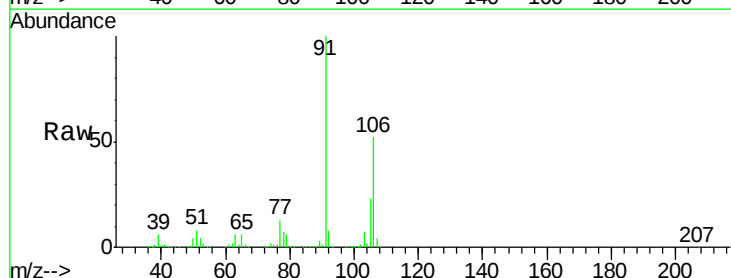
Acq: 26 Oct 2020 18:31

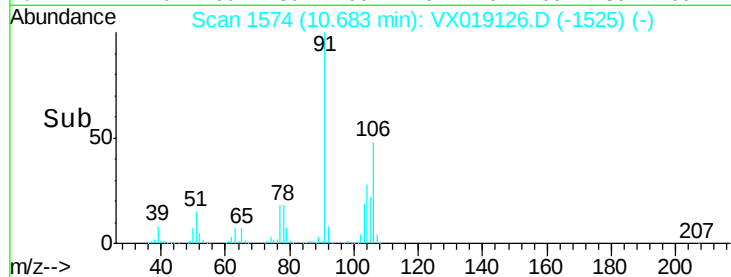
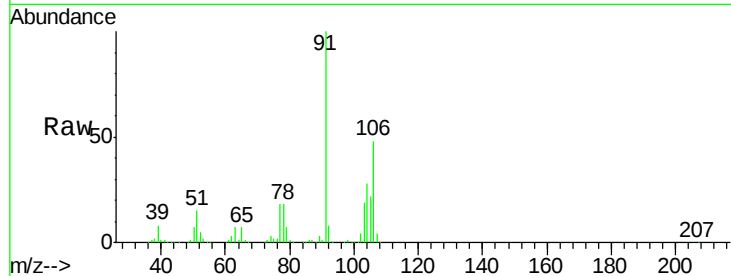
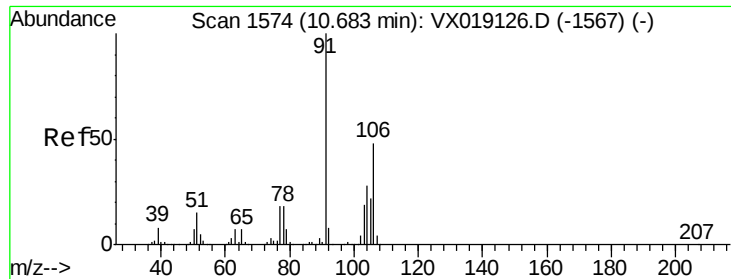
Tgt Ion: 106 Resp: 352952

Ion Ratio Lower Upper

106 100

91 196.7 157.4 236.0





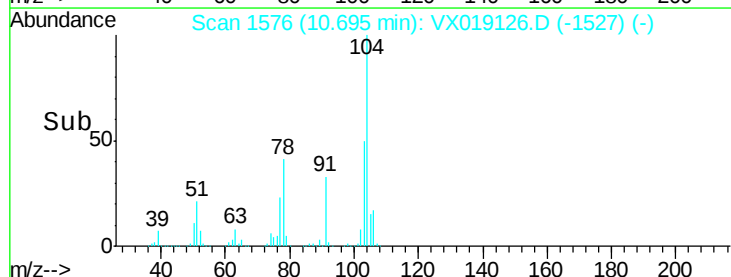
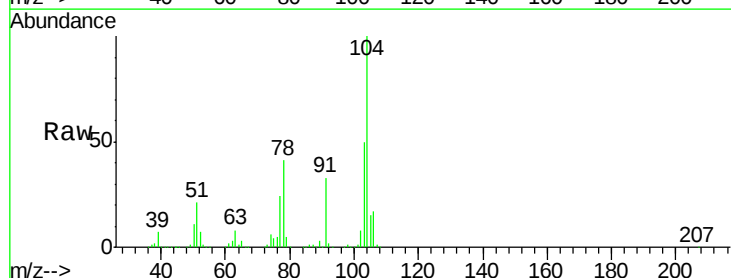
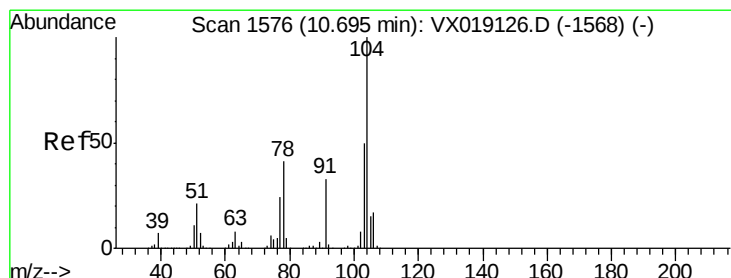
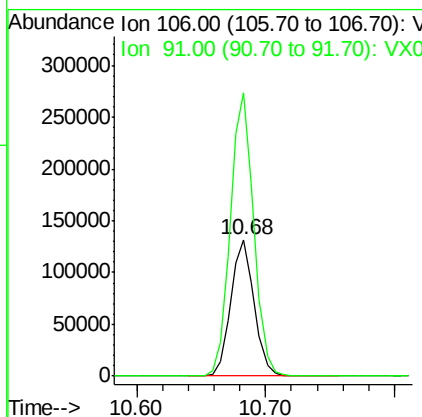
#69
o-Xylene
Concen: 54.211 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tot Ion	Ratio	Resp	Lower	Upper
106	100	166593		
91	208.9	104.5	313.3	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

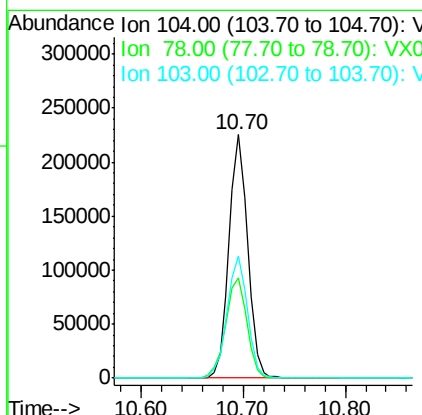
Manual Integrations
APPROVED

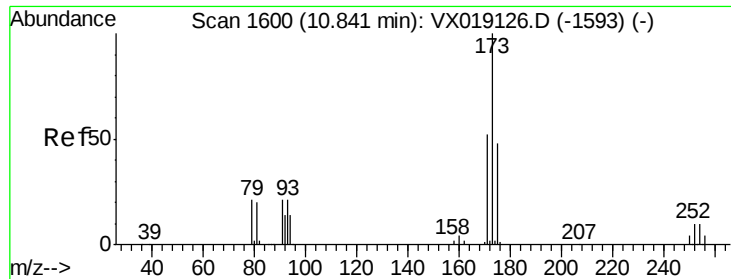
MMDadoda
10/27/2020 6:55:30 PM



#70
Styrene
Concen: 56.652 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	285506		
78	47.2	37.8	56.6	
103	54.6	43.7	65.5	





#71

Bromoform

Concen: 60.939 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 76870

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.3

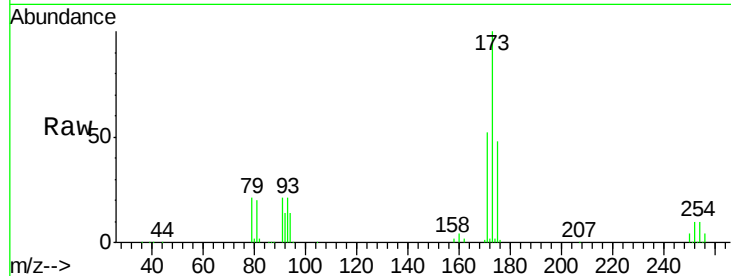
254 0.1 0.1 0.1

Manual Integrations

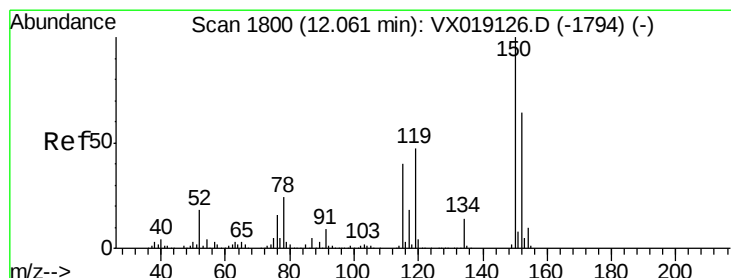
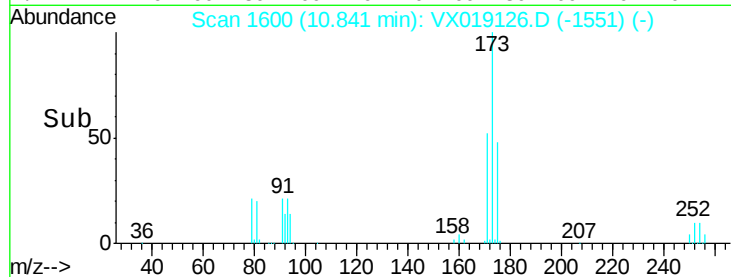
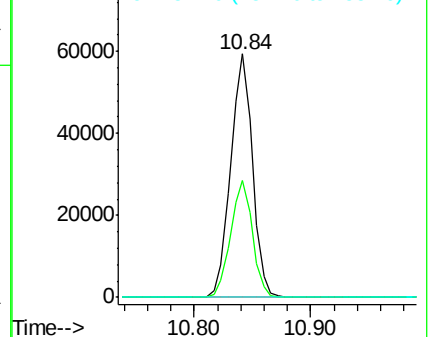
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

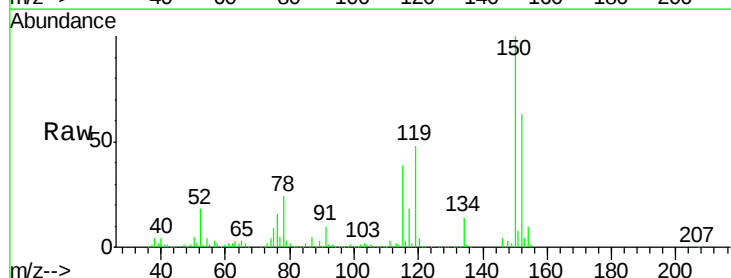
Tgt Ion:152 Resp: 130410

Ion Ratio Lower Upper

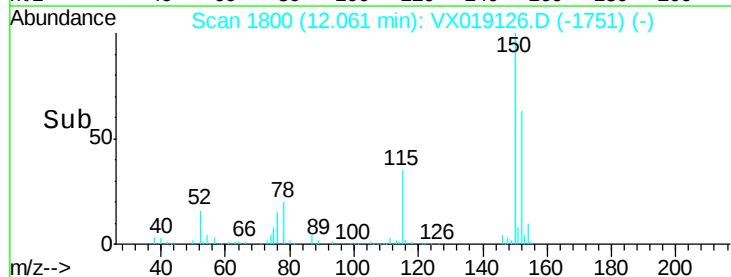
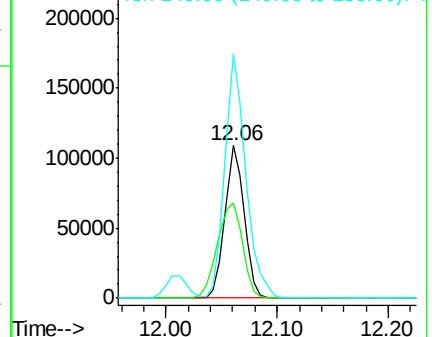
152 100

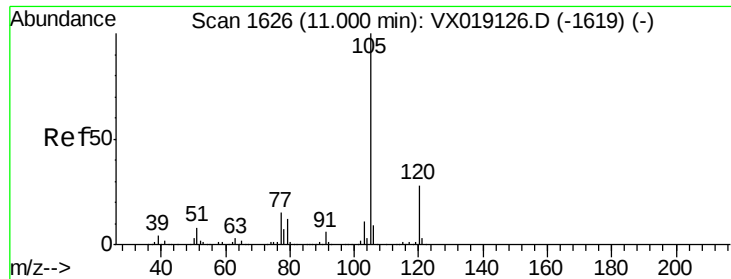
115 81.5 40.8 122.2

150 175.2 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.024 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 451248

Ion Ratio Lower Upper

105 100

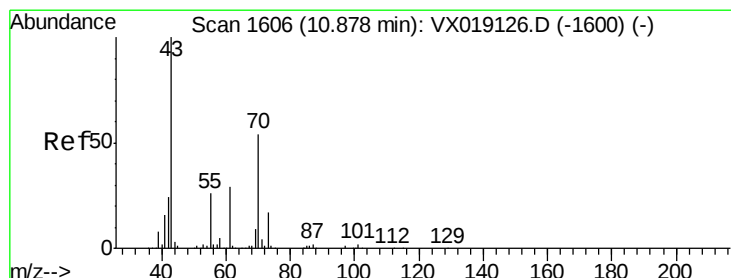
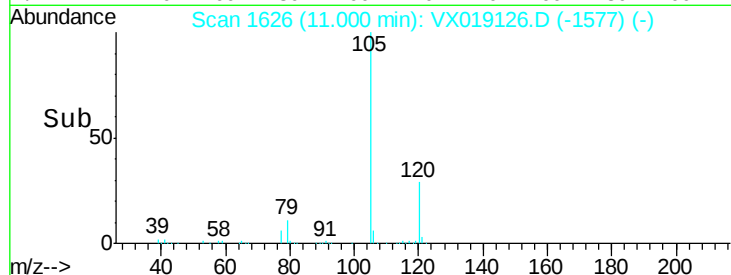
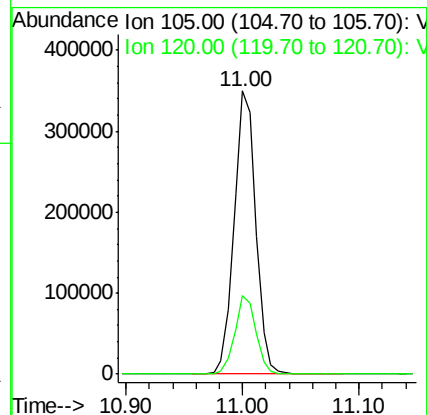
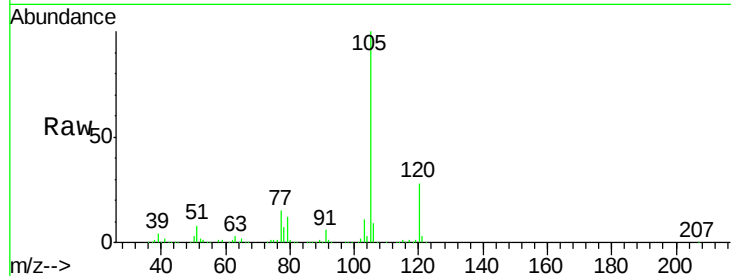
120 27.2 13.6 40.8

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#74

N-ethyl acetate

Concen: 54.311 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion: 43 Resp: 144043

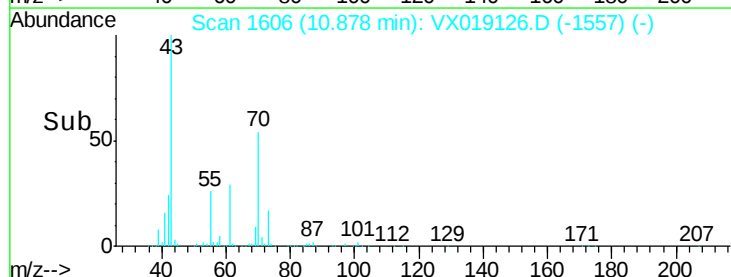
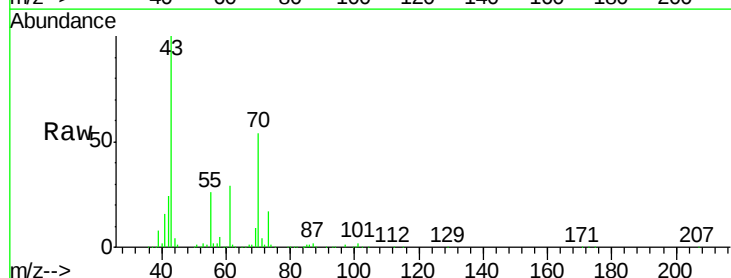
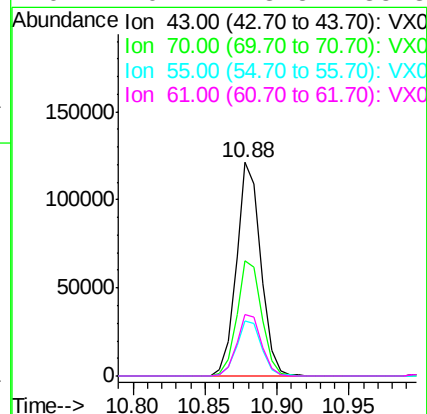
Ion Ratio Lower Upper

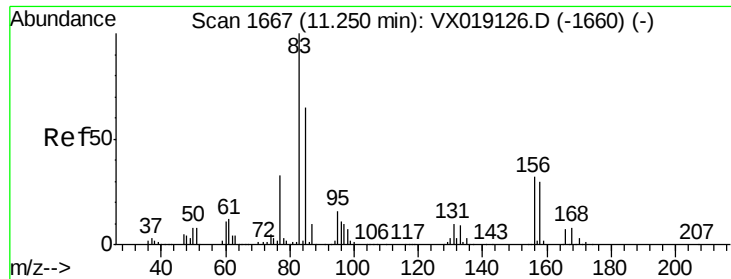
43 100

70 54.9 43.9 65.9

55 26.9 21.5 32.3

61 29.4 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.117 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 143412

Ion Ratio Lower Upper

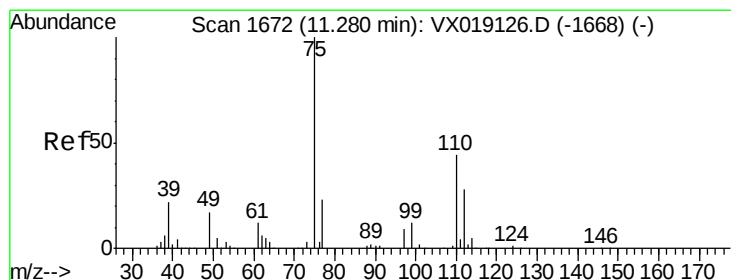
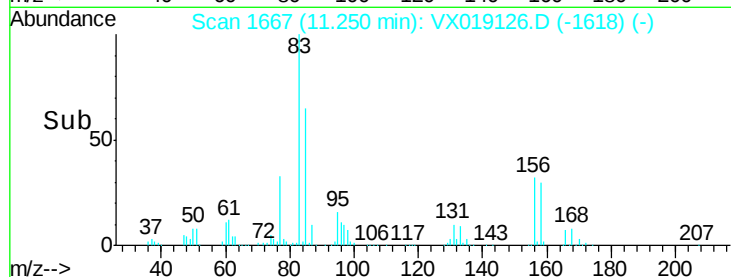
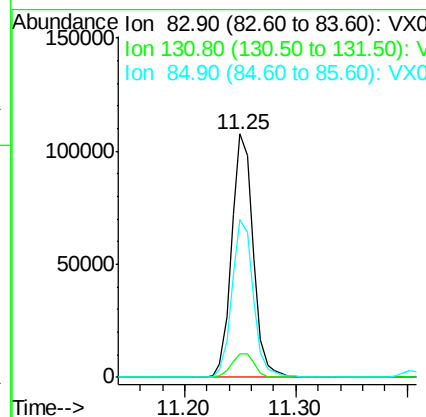
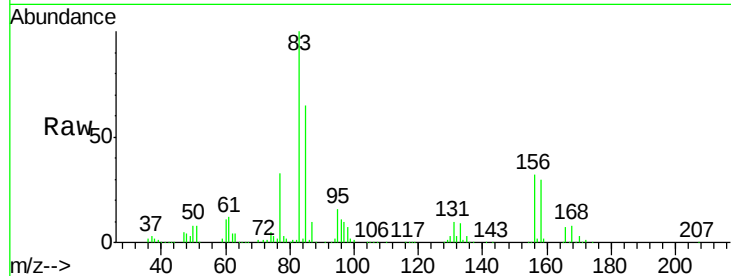
83 100

131 10.3 5.1 15.4

85 64.5 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.519 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019126.D

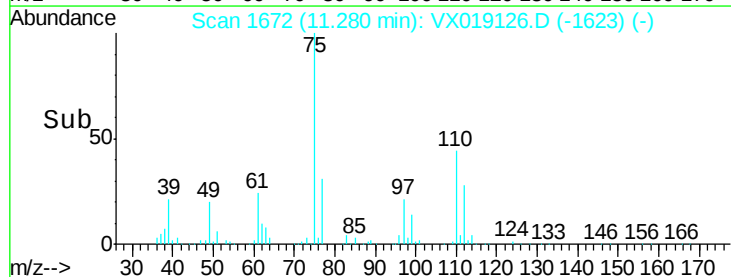
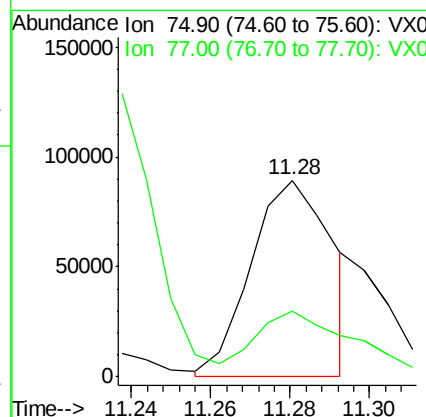
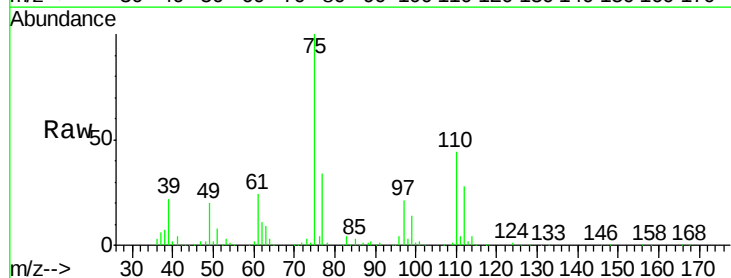
Acq: 26 Oct 2020 18:31

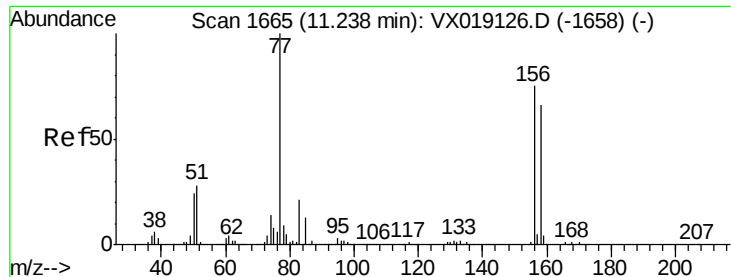
Tgt Ion: 75 Resp: 127496

Ion Ratio Lower Upper

75 100

77 40.9 20.4 61.3





#77

Bromobenzene

Concen: 53.389 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

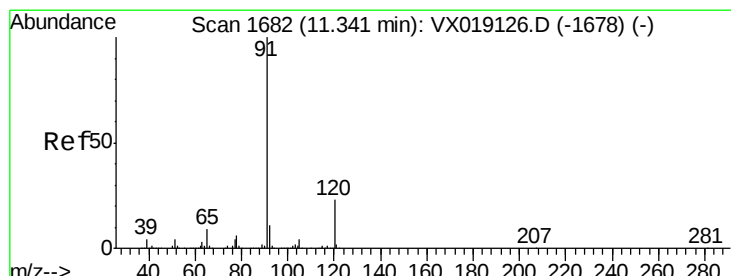
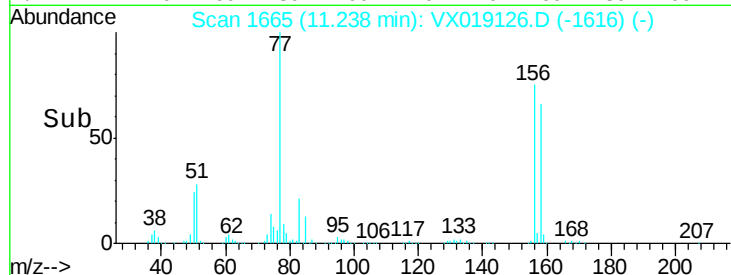
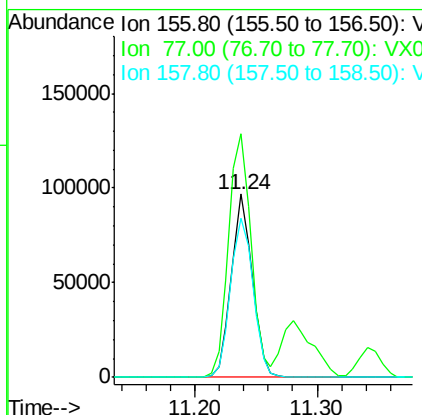
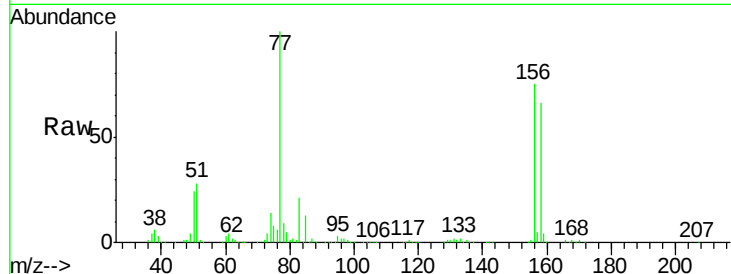
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	143.3		71.7	215.0	
158	93.9		46.9	140.8	

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#78

n-propylbenzene

Concen: 53.060 ug/l

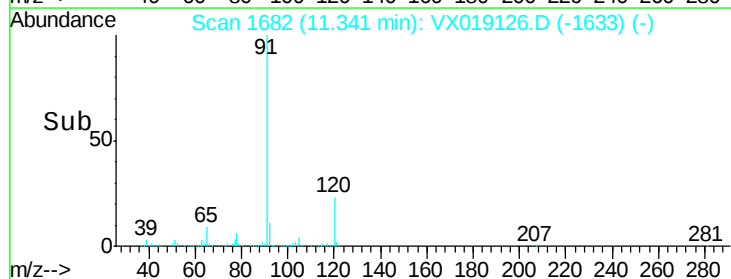
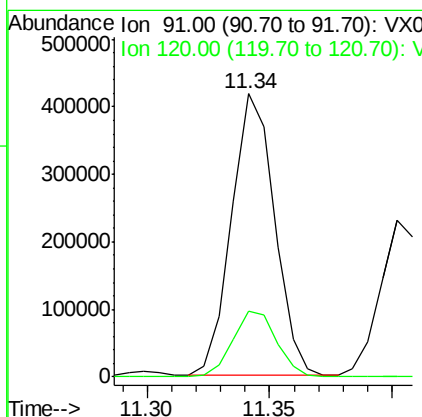
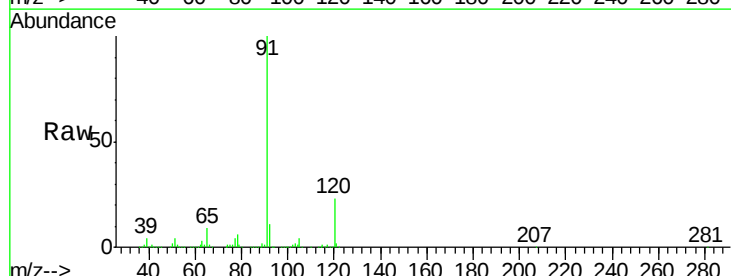
RT: 11.34 min Scan# 1682

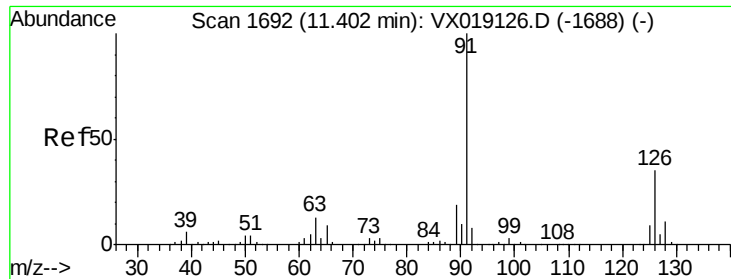
Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	24.0		12.0	36.0	





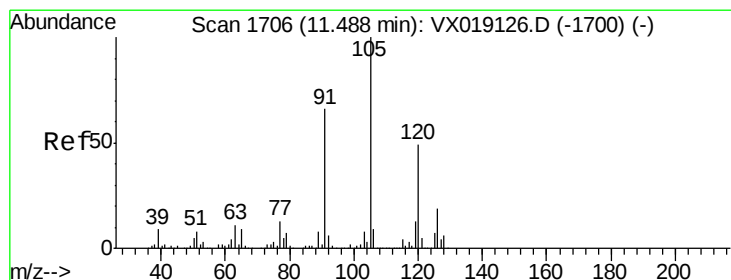
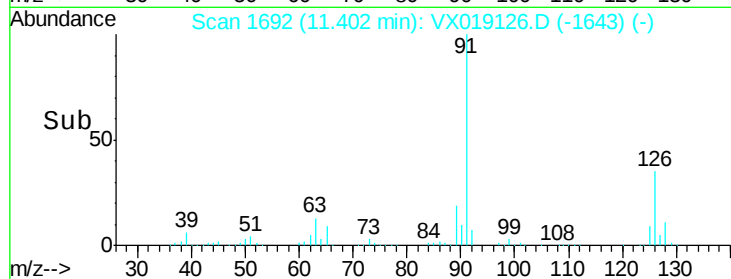
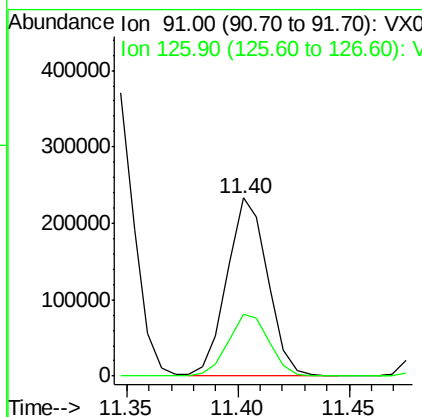
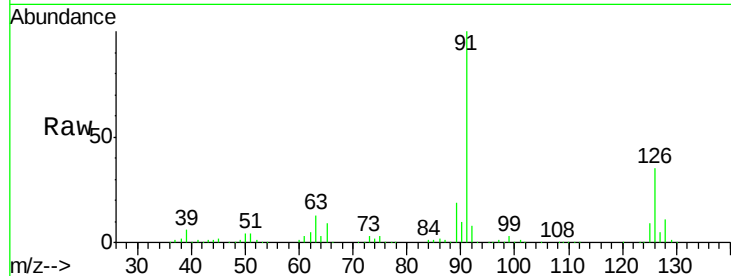
#79
 2-Chlorotoluene
 Concen: 51.525 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 293118
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.4

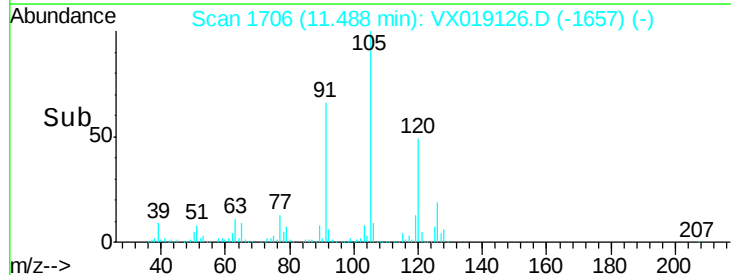
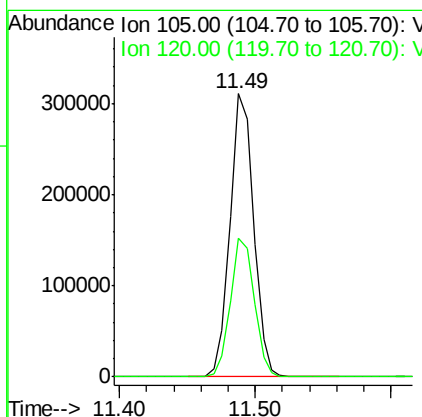
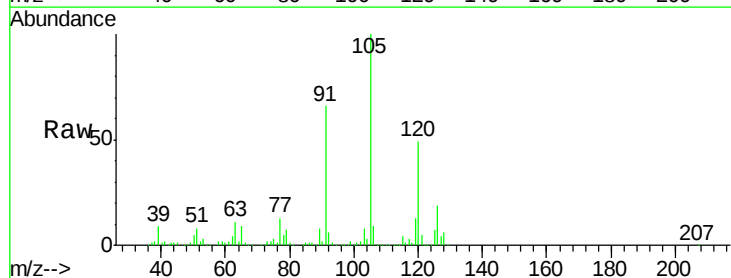
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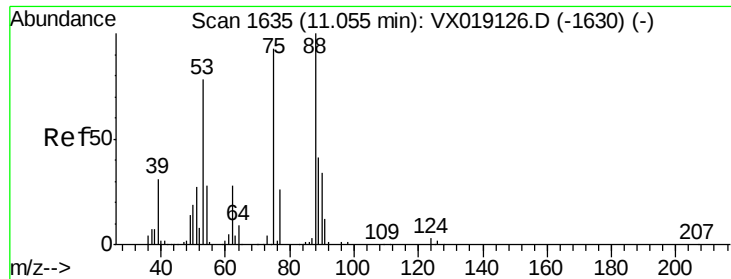
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.642 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion: 105 Resp: 375688
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.4





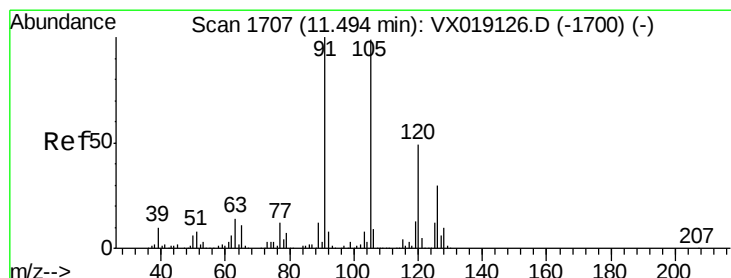
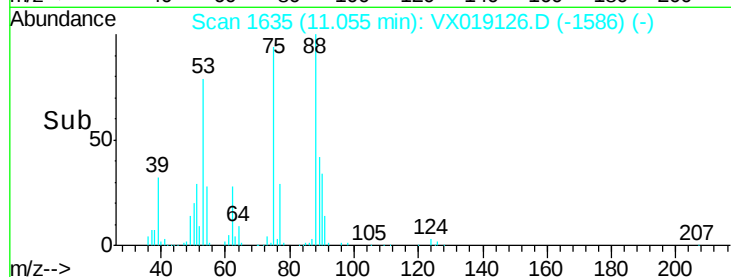
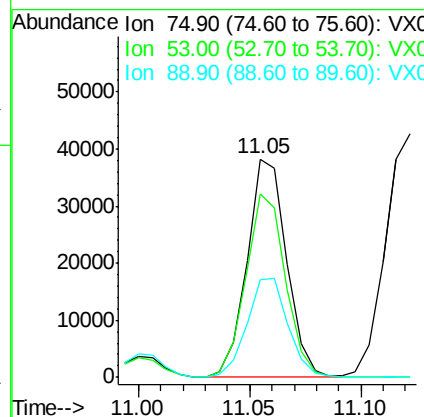
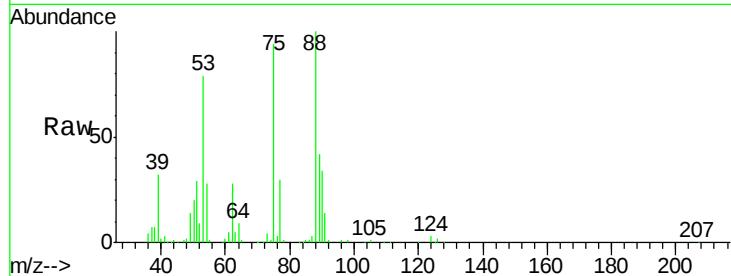
#81
trans-1,4-Dichloro-2-butene
Concen: 58.030 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.6	101.4
89	47.5	38.0	57.0

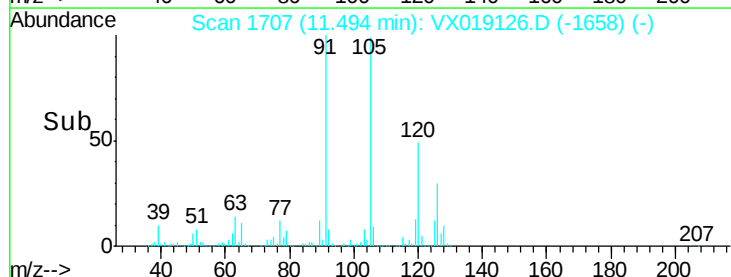
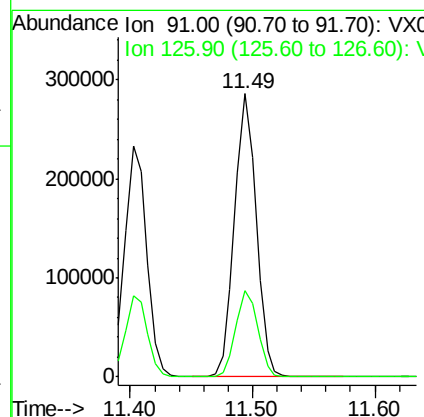
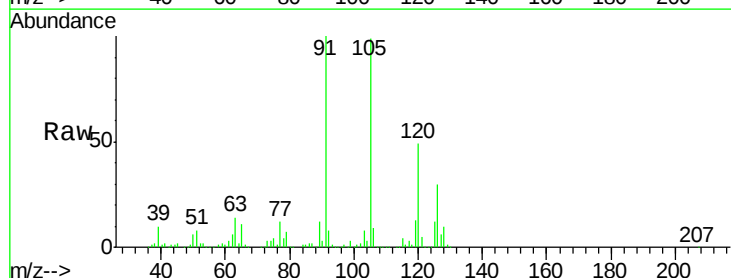
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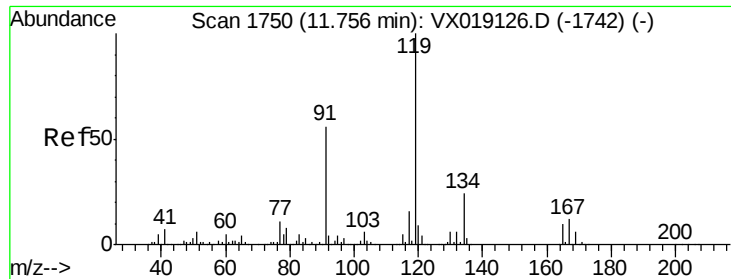
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.378 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.5	46.5





#83

tert-Butylbenzene

Concen: 53.634 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Instrument :

MSVOA_X

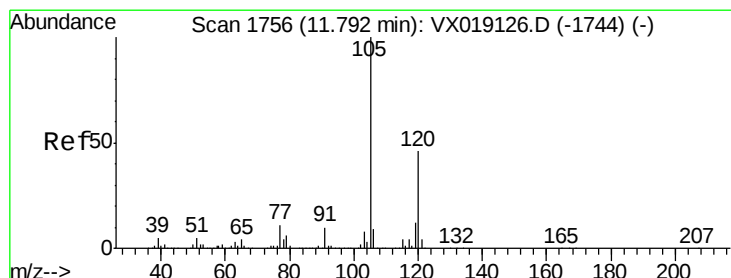
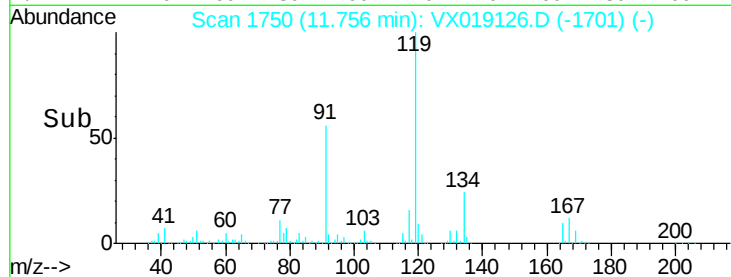
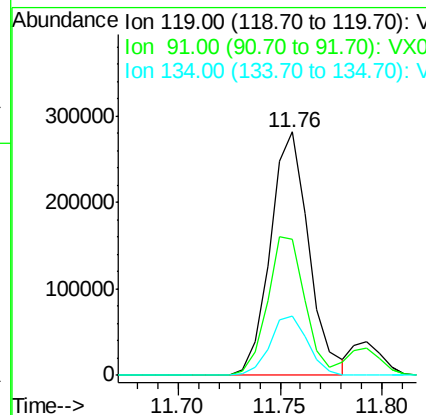
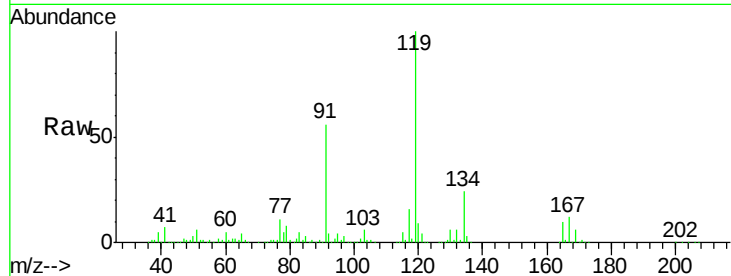
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	369713
Ion Ratio	Lower	Upper	
119	100		
91	55.7	27.9	83.6
134	23.7	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 54.150 ug/l

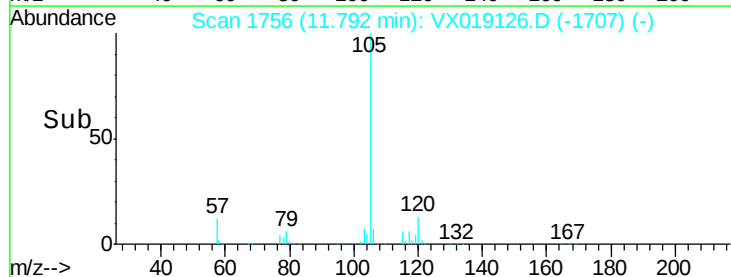
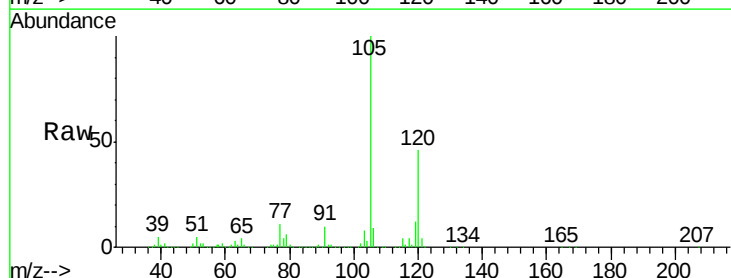
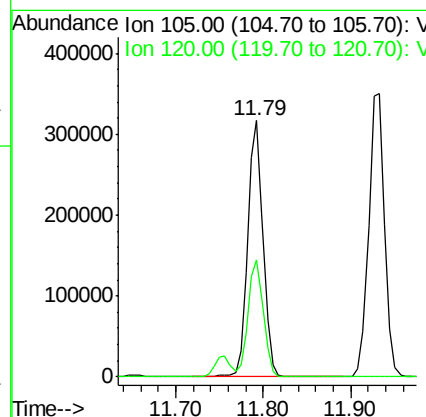
RT: 11.79 min Scan# 1756

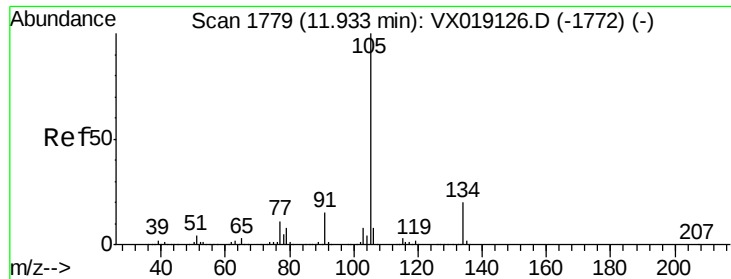
Delta R.T. 0.00 min

Lab File: VX019126.D

Acq: 26 Oct 2020 18:31

Tgt Ion:	105	Resp:	384480
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.9	68.5





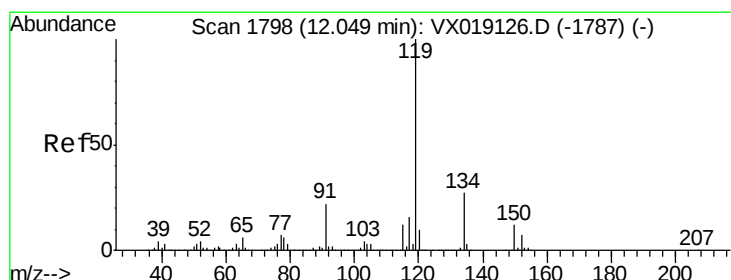
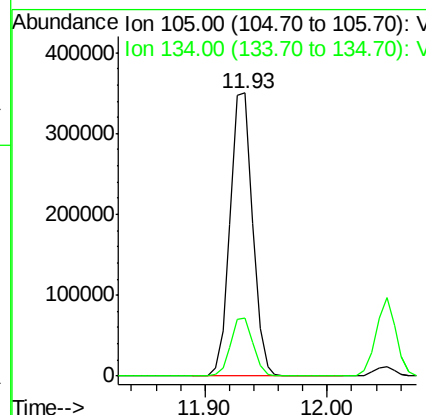
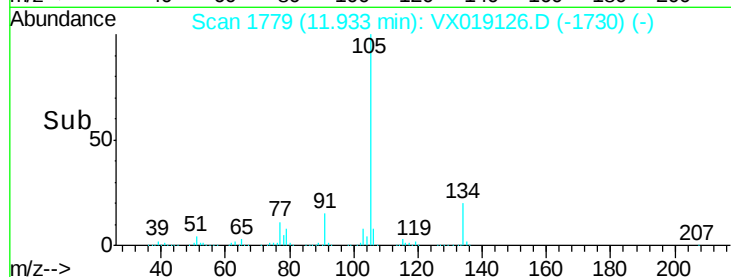
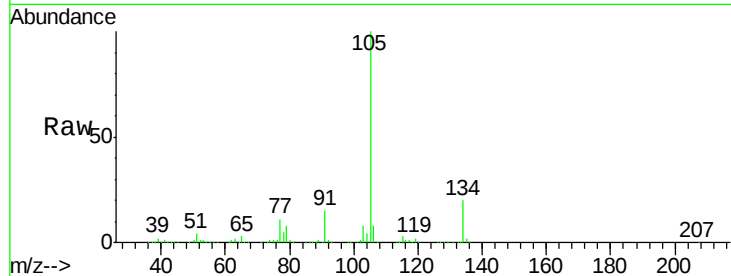
#85
 sec-Butylbenzene
 Concen: 53.722 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

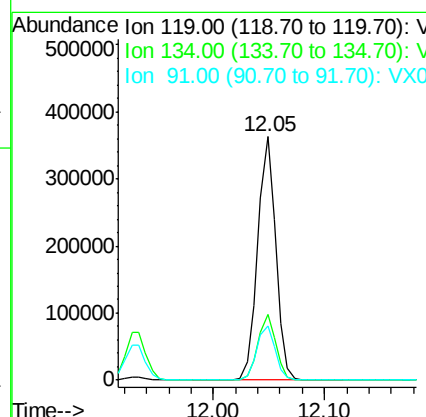
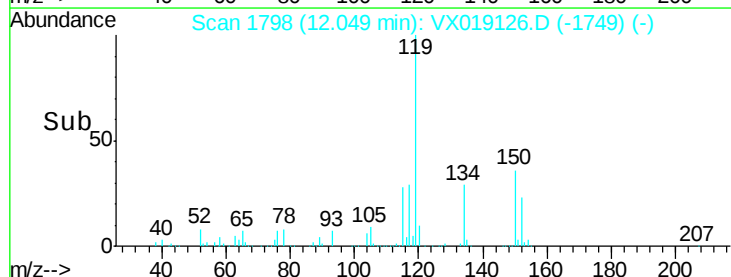
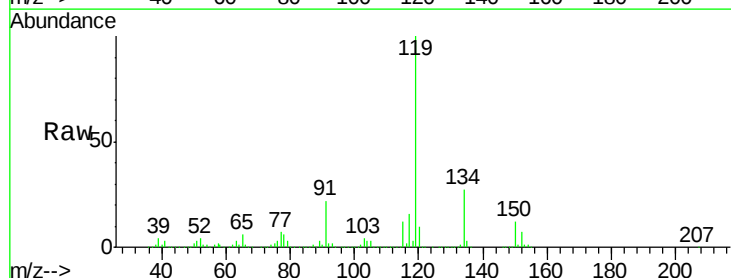
Manual Integrations
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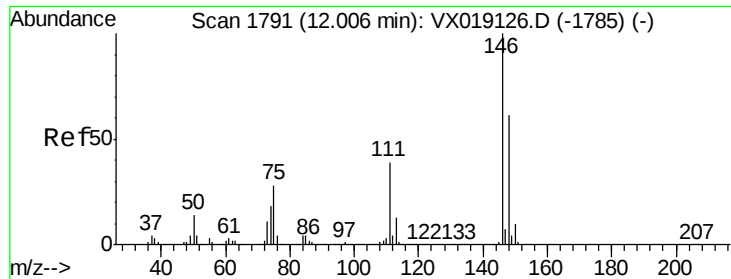
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#86
 p-Isopropyltoluene
 Concen: 54.564 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	23.0	11.5	34.5





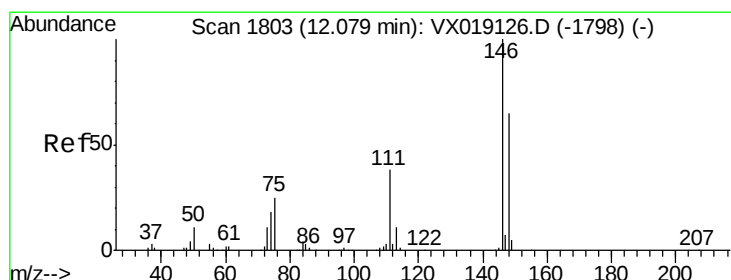
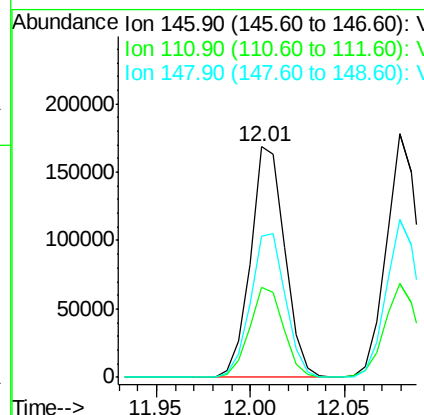
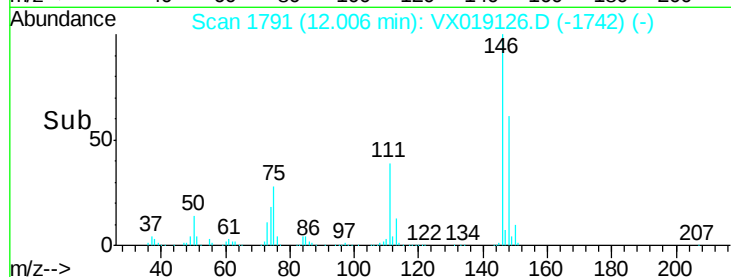
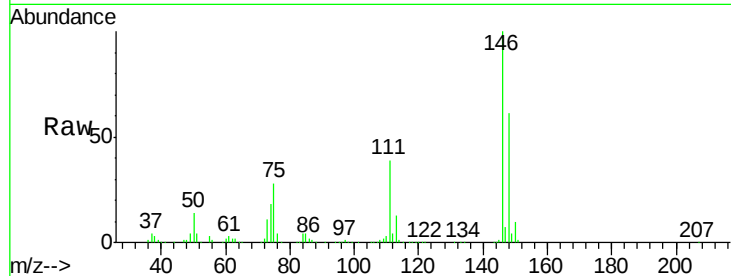
#87
 1,3-Dichlorobenzene
 Concen: 53.512 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.7	31.9	95.5

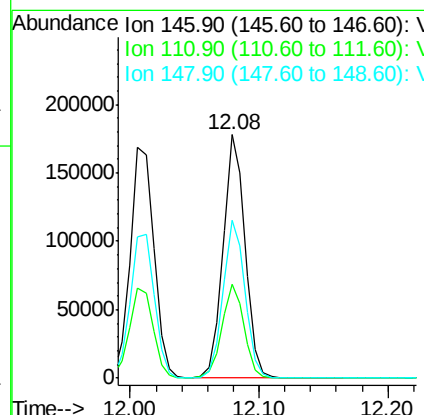
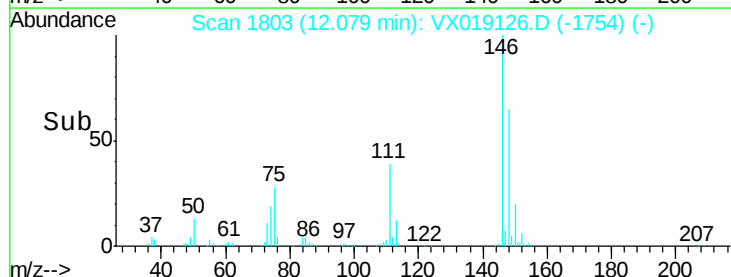
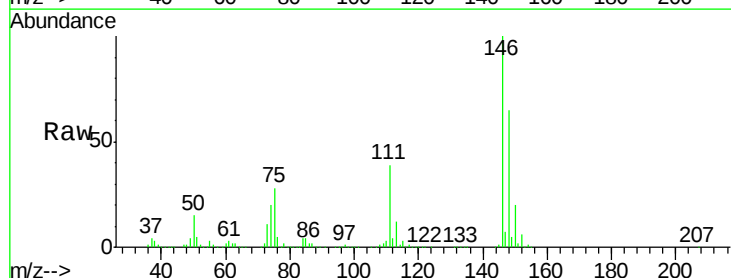
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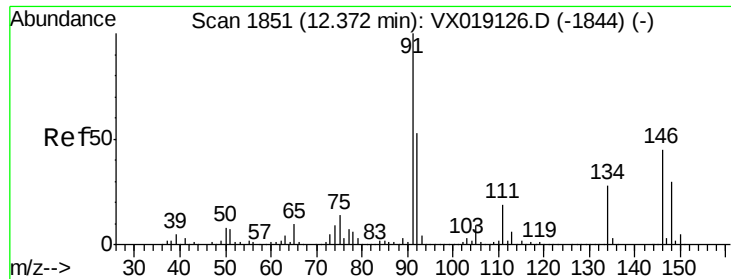
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#88
 1,4-Dichlorobenzene
 Concen: 52.436 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.9	32.5	97.4





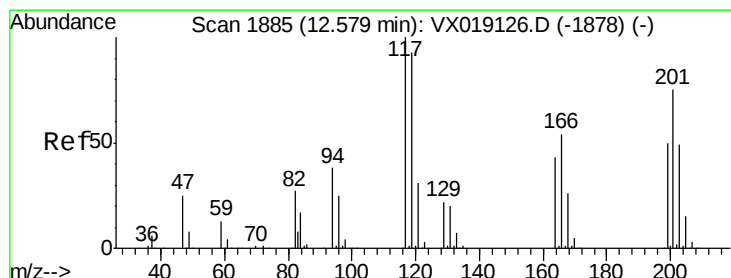
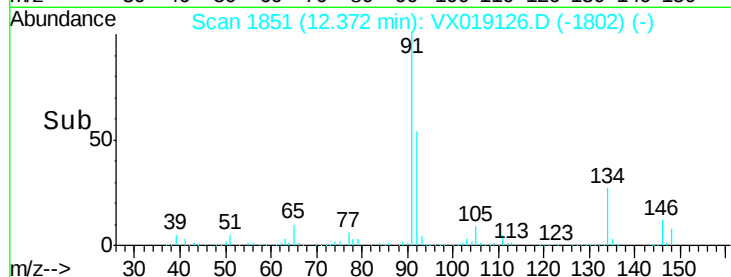
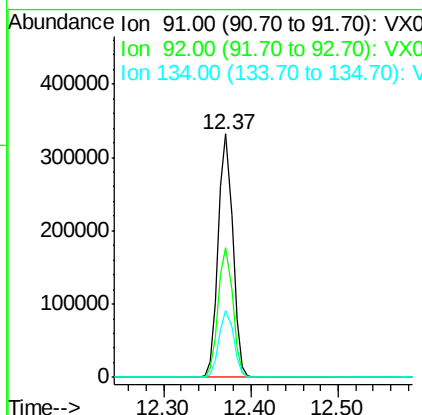
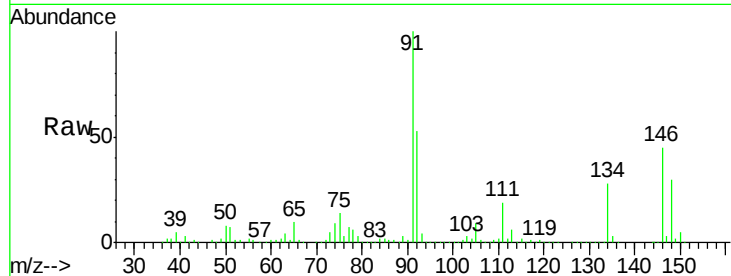
#89
n-Butylbenzene
Concen: 54.983 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	27.6	13.8	41.4

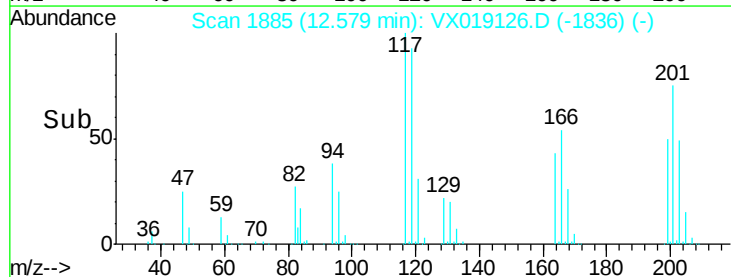
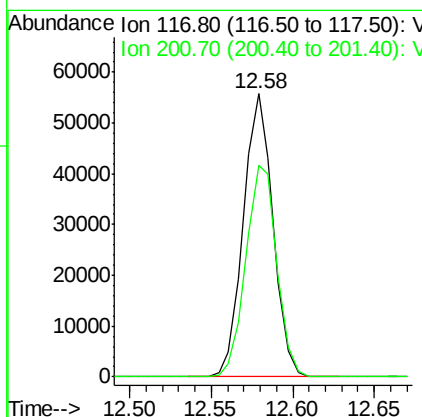
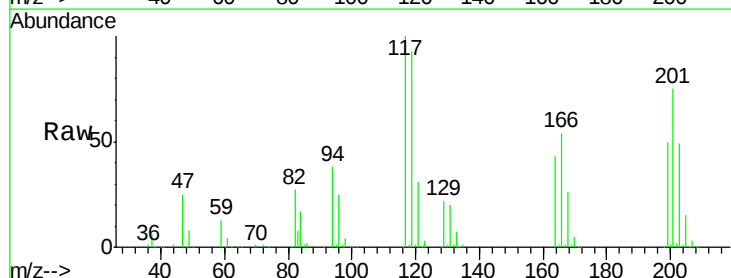
Manual Integrations
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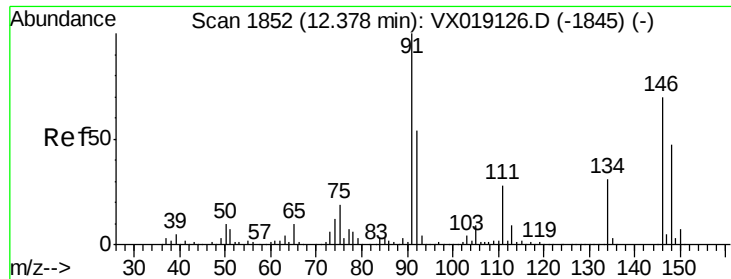
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#90
Hexachloroethane
Concen: 58.381 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	39.1	117.2





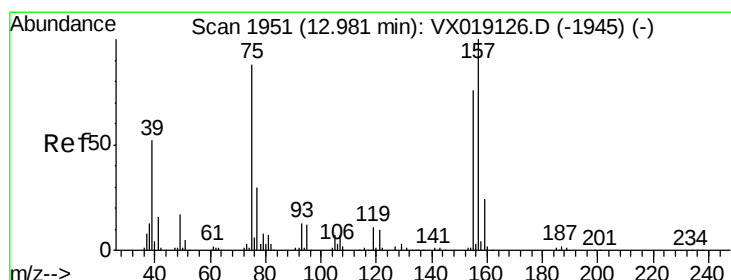
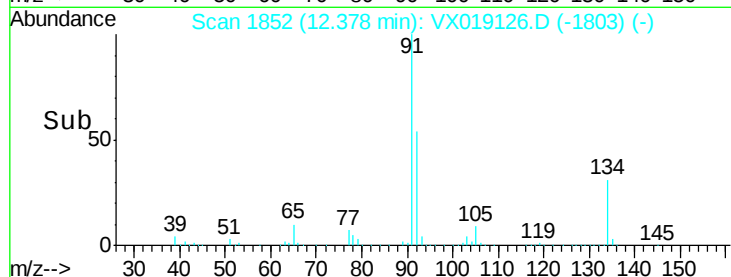
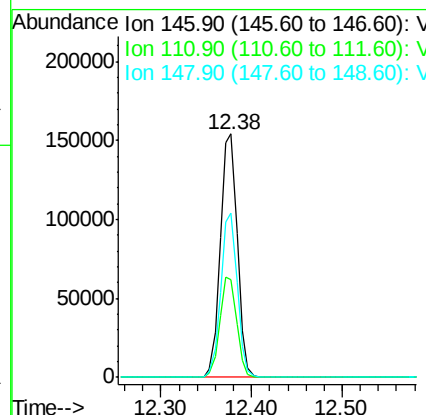
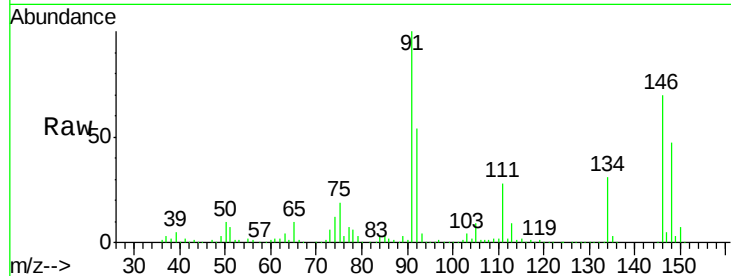
#91
 1,2-Dichlorobenzene
 Concen: 51.968 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	65.5	32.8	98.3

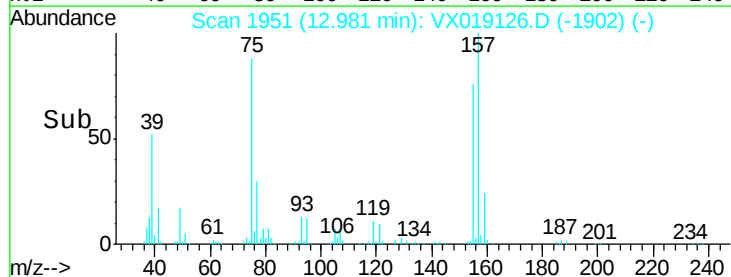
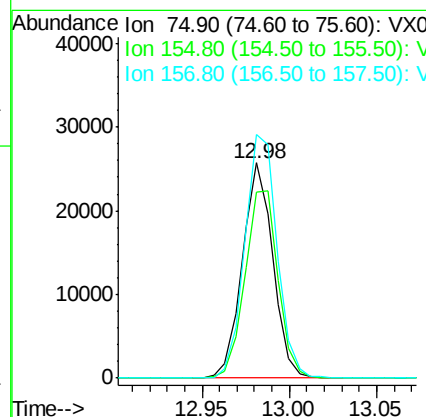
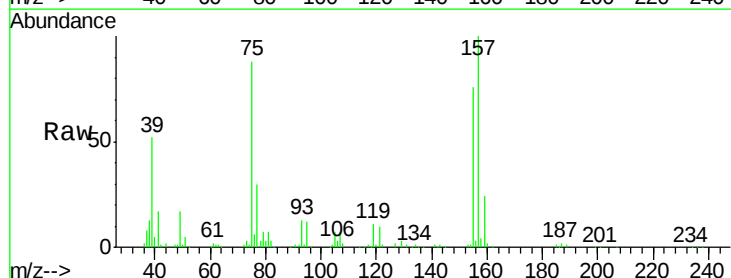
Manual Integrations
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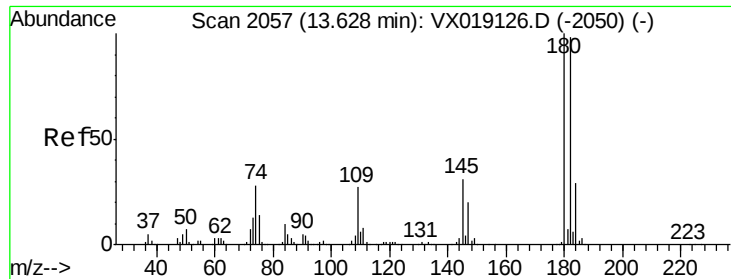
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.606 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	47.1	141.4
157	120.1	60.1	180.2





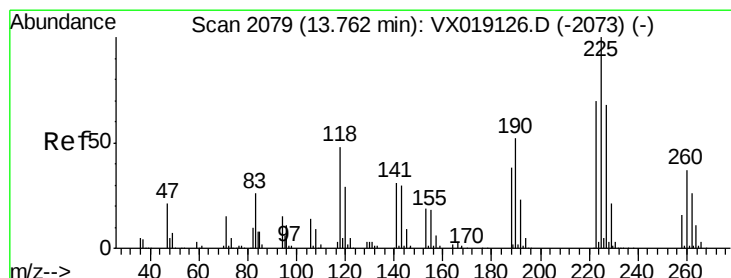
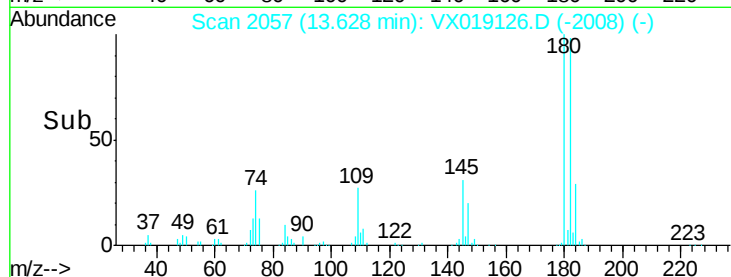
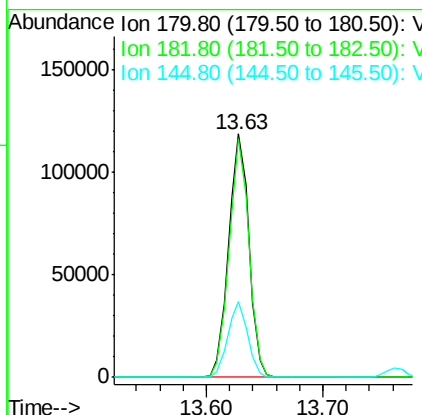
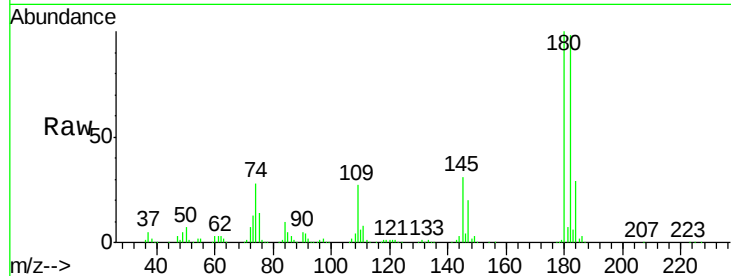
#93
 1,2,4-Trichlorobenzene
 Concen: 53.900 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	143979		
182	95.6	47.8	143.4	
145	30.1	15.0	45.1	

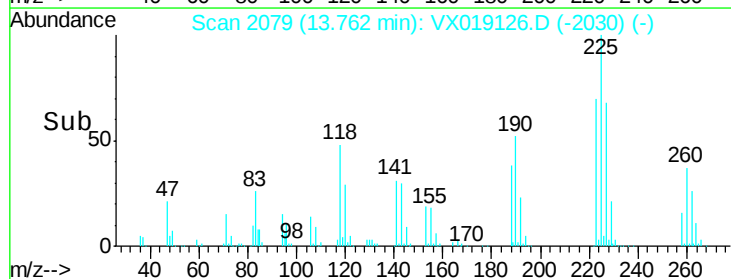
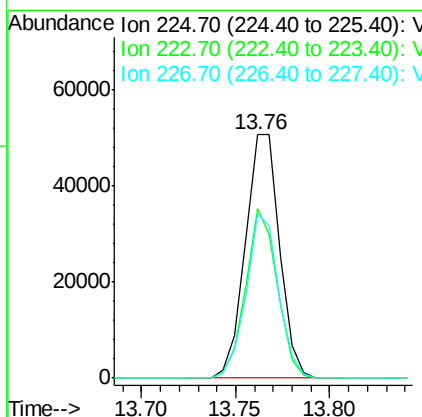
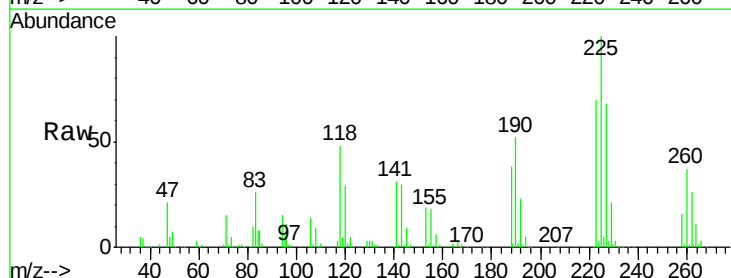
Manual Integrations
 APPROVED

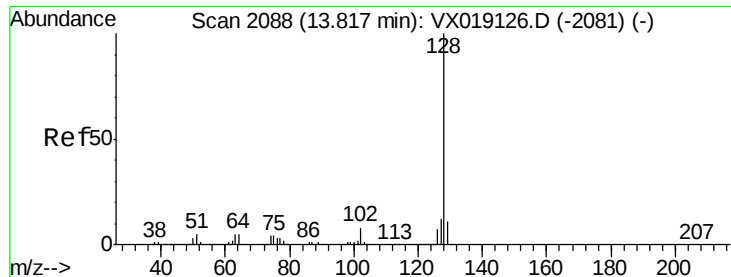
MMDadoda
 10/27/2020 6:55:30 PM



#94
 Hexachlorobutadiene
 Concen: 52.684 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019126.D
 Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63649		
223	64.3	32.1	96.5	
227	64.0	32.0	96.0	





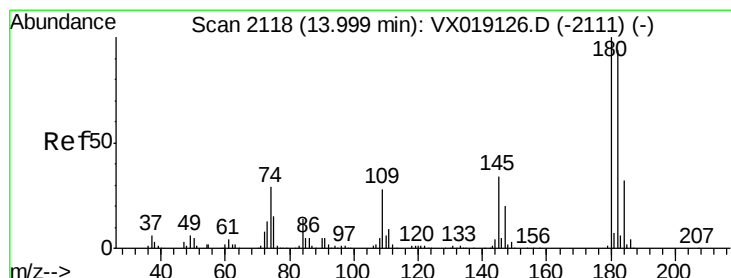
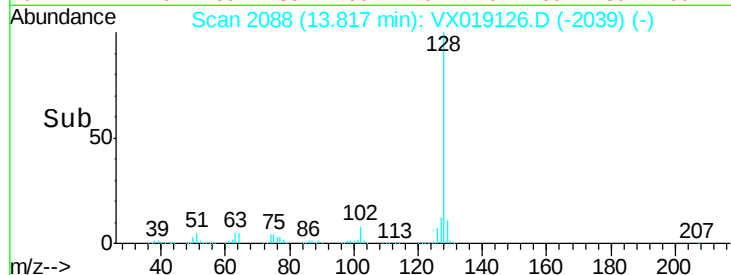
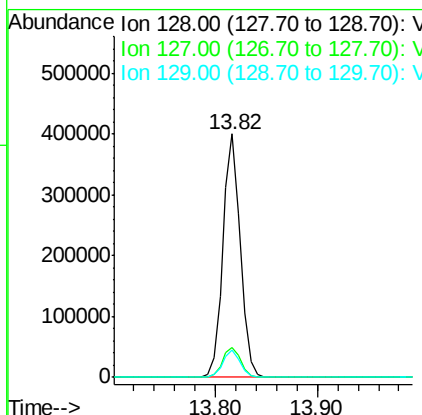
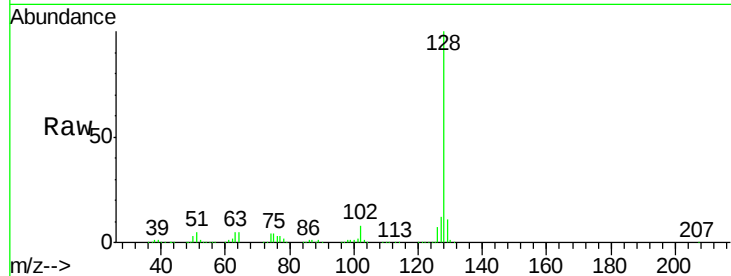
#95
Naphthalene
Concen: 56.570 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.210 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019126.D
Acq: 26 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	31.8	15.9	47.7

