

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019493.D
 Acq On : 20 Nov 2020 11:40
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:40 PM

Quant Time: Nov 21 01:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	552325	153.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	306.76%#
35) Dibromofluoromethane	5.46	113	461437	160.84	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	321.68%#
50) Toluene-d8	8.70	98	1719089	154.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	308.40%#
62) 4-Bromofluorobenzene	11.12	95	657811	164.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	328.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	428870	158.791	ug/l	98
3) Chloromethane	1.31	50	452015	145.845	ug/l	100
4) Vinyl Chloride	1.39	62	522850	156.716	ug/l	99
5) Bromomethane	1.62	94	175192	138.635	ug/l	99
6) Chloroethane	1.69	64	114105	123.614	ug/l	96
7) Trichlorofluoromethane	1.89	101	742476	154.189	ug/l	97
8) Diethyl Ether	2.17	74	304317	157.799	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.35	101	417589	155.443	ug/l	98
10) Methyl Iodide	2.48	142	578056	163.790	ug/l	100
11) Tert butyl alcohol	3.07	59	522510	766.698	ug/l	100
12) 1,1-Dichloroethene	2.34	96	431404	156.457	ug/l	99
13) Acrolein	2.28	56	340436	743.140	ug/l	99
14) Allyl chloride	2.70	41	681824	157.845	ug/l	99
15) Acrylonitrile	3.12	53	1252025	778.995	ug/l	99
16) Acetone	2.43	43	1021239	733.331	ug/l	100
17) Carbon Disulfide	2.54	76	1192891	161.036	ug/l	99
18) Methyl Acetate	2.75	43	518818	144.427	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1526426	160.376	ug/l	100
20) Methylene Chloride	2.83	84	497270	142.866	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	489650	156.735	ug/l	98
22) Diisopropyl ether	3.83	45	1417567	158.637	ug/l	93
23) Vinyl Acetate	3.79	43	6141307	819.352	ug/l	98
24) 1,1-Dichloroethane	3.67	63	851269	155.748	ug/l	100
25) 2-Butanone	4.65	43	1582451	756.446	ug/l	98
26) 2,2-Dichloropropane	4.54	77	754160	158.080	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	567390	158.111	ug/l	99
28) Bromochloromethane	4.98	49	371000	141.975	ug/l	98
29) Tetrahydrofuran	5.09	42	1022027	765.697	ug/l	99
30) Chloroform	5.18	83	882989	154.499	ug/l	97
31) Cyclohexane	5.54	56	738912	157.764	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	788010	160.513	ug/l	99
36) 1,1-Dichloropropene	5.76	75	668651	156.050	ug/l	99
37) Ethyl Acetate	4.80	43	631902	157.088	ug/l	100
38) Carbon Tetrachloride	5.75	117	676004	162.993	ug/l	98

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Quant Time: Nov 21 01:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	818357	164.029	ug/l	99
40) Benzene	6.11	78	2007022	152.449	ug/l	99
41) Methacrylonitrile	5.01	41	333818	150.487	ug/l	97
42) 1,2-Dichloroethane	6.16	62	682836	151.322	ug/l	99
43) Isopropyl Acetate	6.42	43	1039671	153.752	ug/l	99
44) Trichloroethene	7.18	130	540320	156.683	ug/l	95
45) 1,2-Dichloropropane	7.49	63	500608	154.459	ug/l	99
46) Dibromomethane	7.63	93	343012	154.632	ug/l	100
47) Bromodichloromethane	7.88	83	698058	162.173	ug/l	97
48) Methyl methacrylate	7.75	41	509384	160.850	ug/l	100
49) 1,4-Dioxane	7.73	88	231124	3214.353	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	3054962	774.756	ug/l	99
52) Toluene	8.76	92	1241531	154.154	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	778489	167.463	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	845951	163.978	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	497307	151.617	ug/l	99
56) Ethyl methacrylate	9.16	69	781263	168.330	ug/l	99
57) 1,3-Dichloropropane	9.35	76	825358	150.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2028359	745.836	ug/l	99
59) 2-Hexanone	9.48	43	2355868	787.770	ug/l	99
60) Dibromochloromethane	9.57	129	537732	167.373	ug/l	98
61) 1,2-Dibromoethane	9.65	107	522769	154.620	ug/l	99
64) Tetrachloroethene	9.32	164	456191	141.617	ug/l	98
65) Chlorobenzene	10.12	112	1283126	152.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	497174	162.223	ug/l	98
67) Ethyl Benzene	10.24	91	2334011	158.125	ug/l	97
68) m/p-Xylenes	10.34	106	1767685	321.442	ug/l	97
69) o-Xylene	10.68	106	846682	161.062	ug/l	99
70) Styrene	10.70	104	1480881	169.705	ug/l	99
71) Bromoform	10.84	173	415045	185.202	ug/l #	98
73) Isopropylbenzene	11.00	105	2261424	152.039	ug/l	99
74) N-amyl acetate	10.88	43	931507	167.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	782469	147.107	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	674857m	143.824	ug/l	
77) Bromobenzene	11.24	156	574576	151.321	ug/l	98
78) n-propylbenzene	11.35	91	2628292	154.033	ug/l	99
79) 2-Chlorotoluene	11.40	91	1555652	150.330	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1951899	156.435	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	276334	173.234	ug/l	97
82) 4-Chlorotoluene	11.49	91	1884190	154.670	ug/l	99
83) tert-Butylbenzene	11.76	119	1911137	158.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1982684	157.047	ug/l	98
85) sec-Butylbenzene	11.93	105	2265441	157.752	ug/l	99
86) p-Isopropyltoluene	12.05	119	2089171	160.232	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1060203	152.038	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1068218	148.717	ug/l	99
89) n-Butylbenzene	12.37	91	1950316	165.457	ug/l	98
90) Hexachloroethane	12.58	117	383158	175.618	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	1050070	149.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	177200	163.297	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDICC150

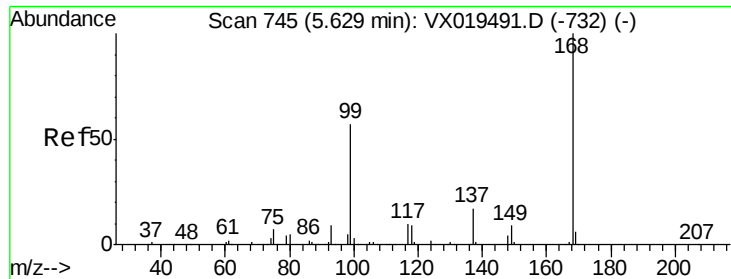
Manual Integrations
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11/23/2020 3:50:40 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:38:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	743881	165.435	ug/l	100
94) Hexachlorobutadiene	13.77	225	315199	153.879	ug/l	99
95) Naphthalene	13.82	128	2447335	175.812	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	748095	166.329	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: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 277736

Ion Ratio Lower Upper

168 100

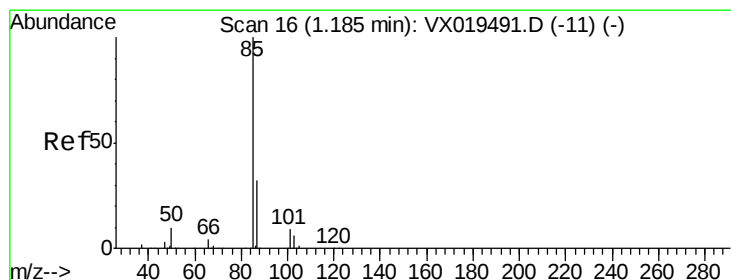
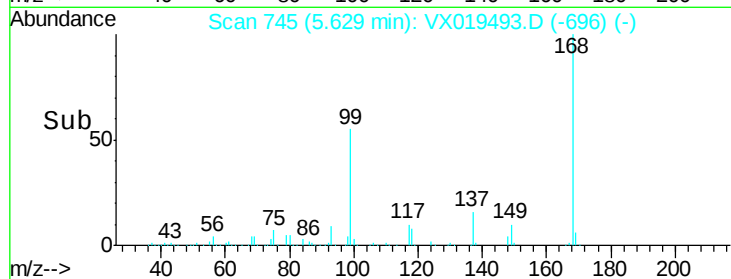
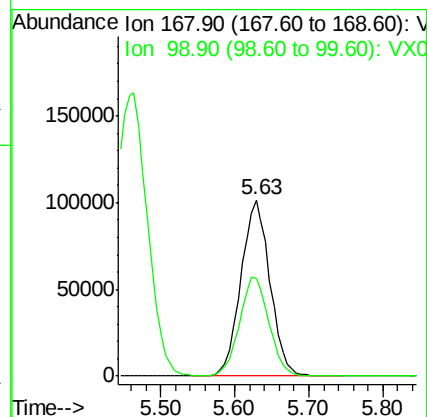
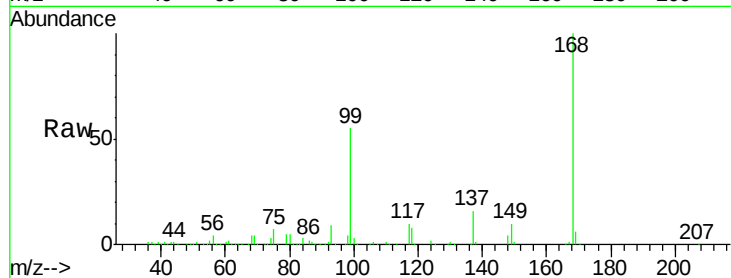
99 55.2 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 158.791 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019493.D

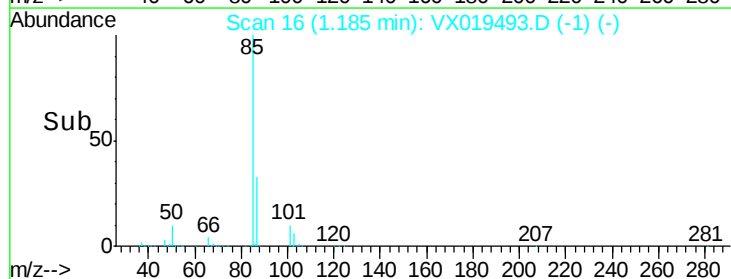
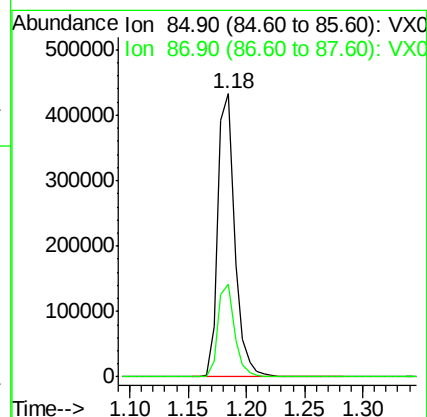
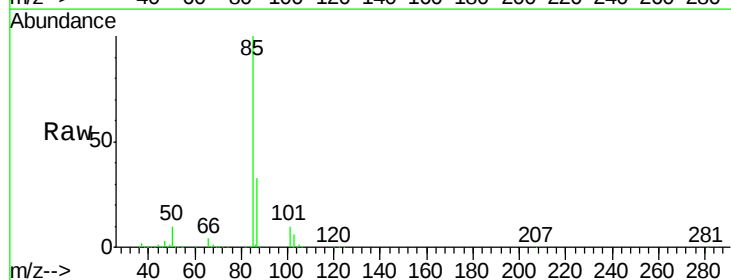
Acq: 20 Nov 2020 11:40

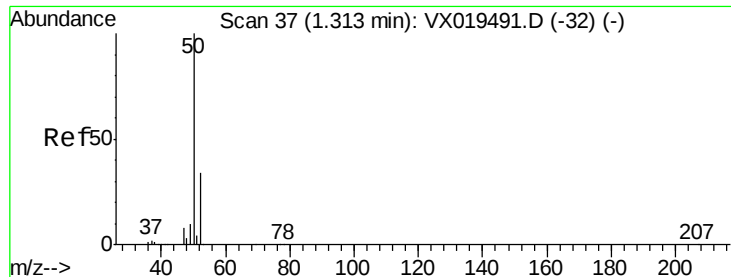
Tgt Ion: 85 Resp: 428870

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9





#3

Chloromethane

Concen: 145.845 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 452015

Ion Ratio Lower Upper

50 100

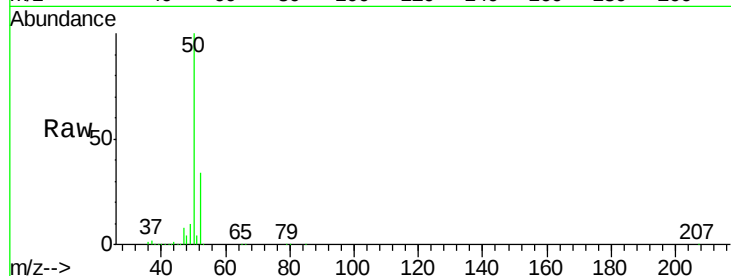
52 34.0 27.0 40.6

Manual Integrations

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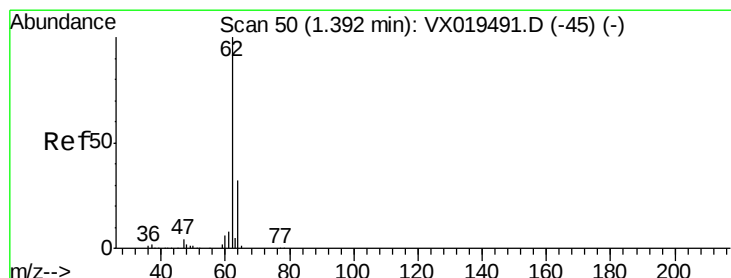
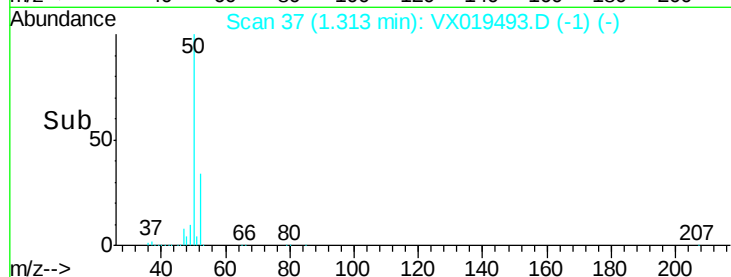
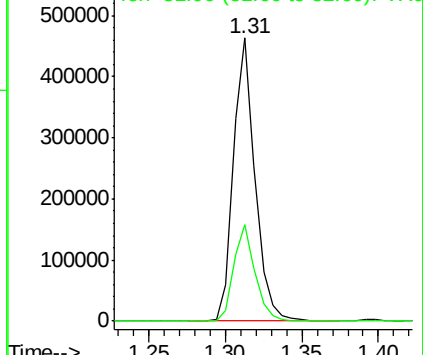
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 156.716 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019493.D

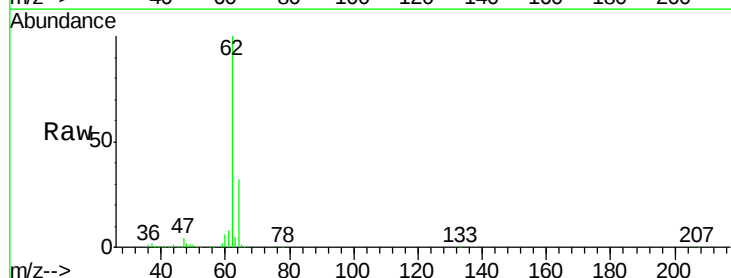
Acq: 20 Nov 2020 11:40

Tgt Ion: 62 Resp: 522850

Ion Ratio Lower Upper

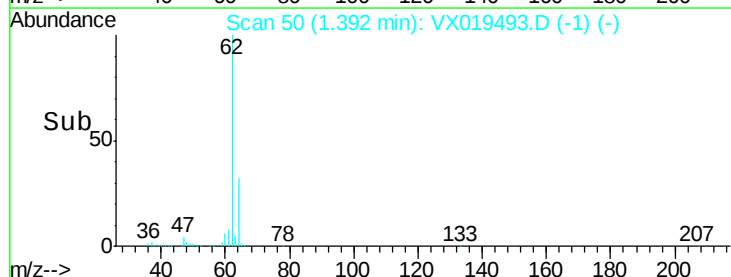
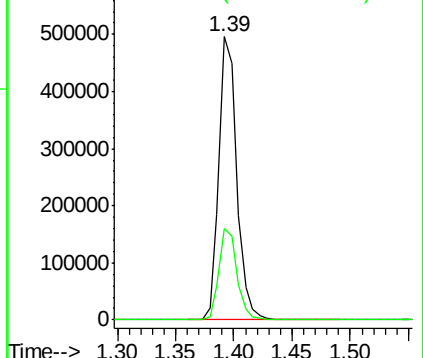
62 100

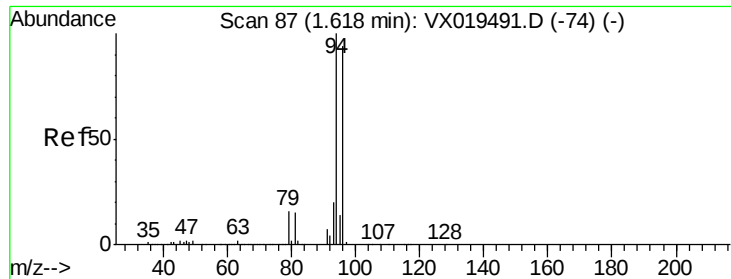
64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 138.635 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 175192

Ion Ratio Lower Upper

94 100

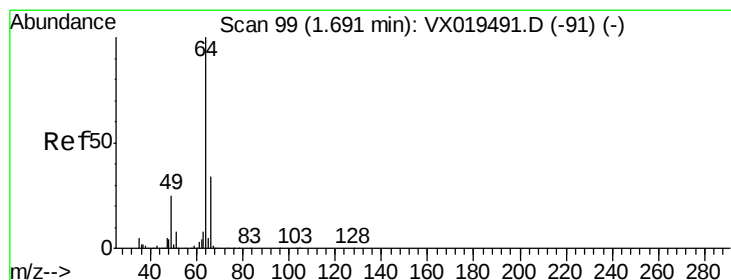
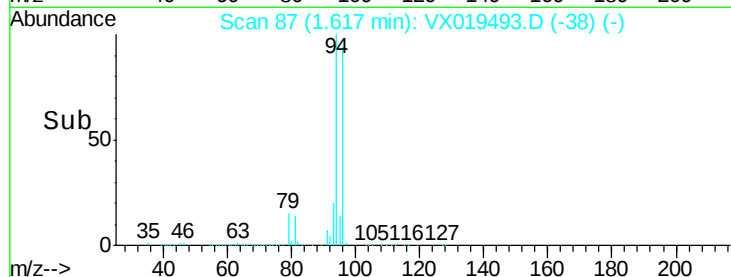
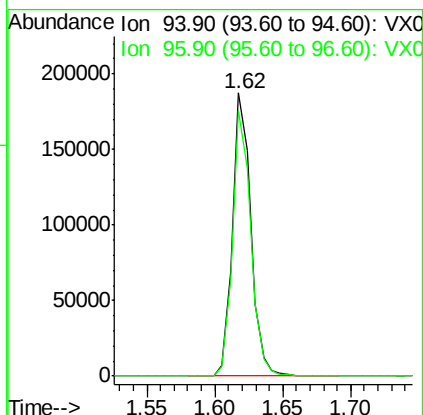
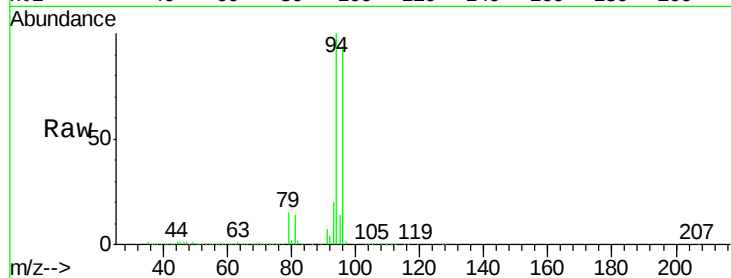
96 93.8 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 123.614 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX019493.D

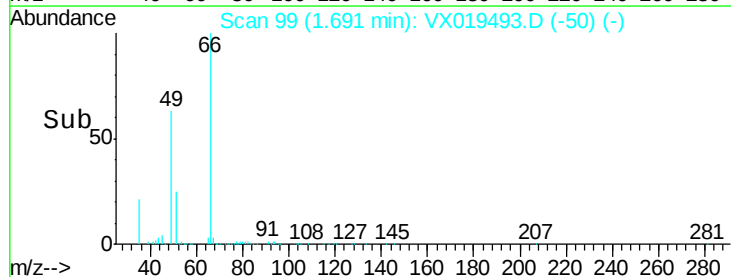
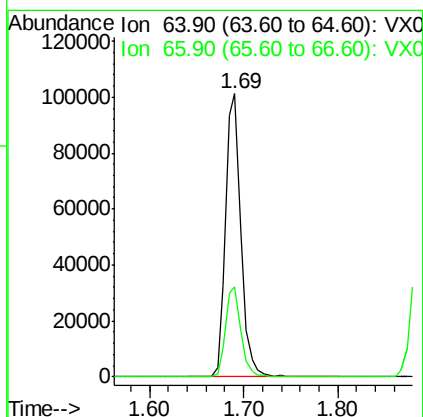
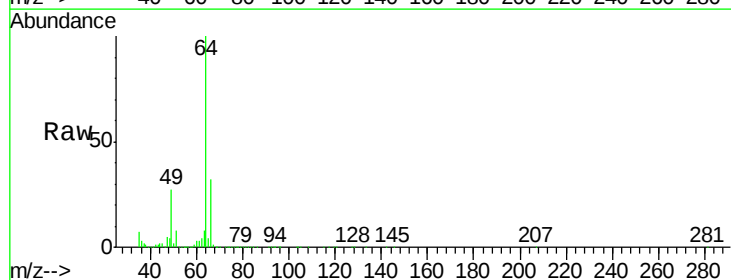
Acq: 20 Nov 2020 11:40

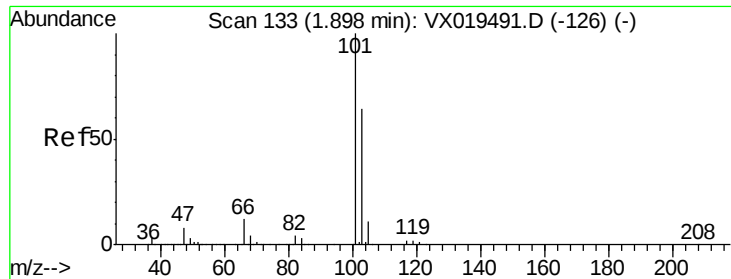
Tgt Ion: 64 Resp: 114105

Ion Ratio Lower Upper

64 100

66 31.6 27.1 40.7





#7

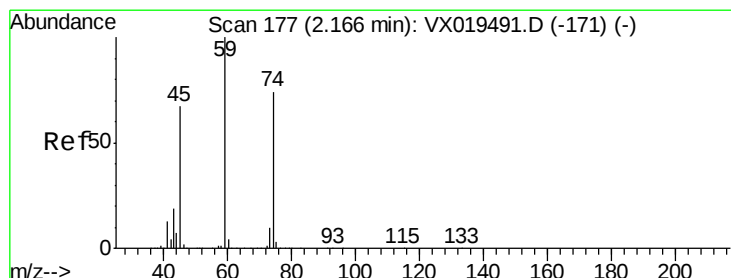
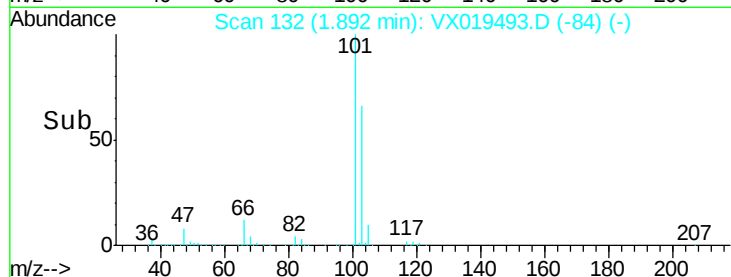
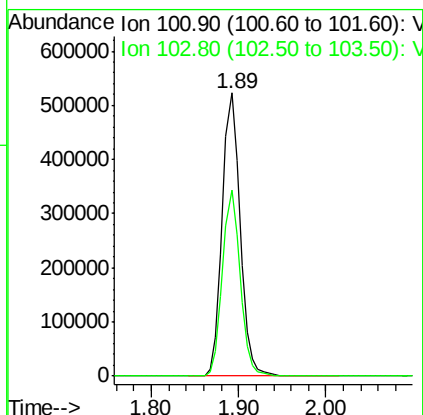
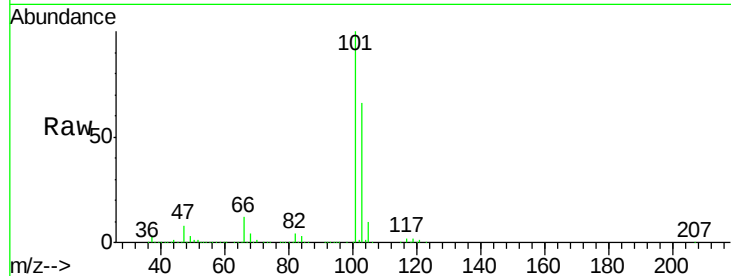
Trichlorofluoromethane
Concen: 154.189 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019493.D
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VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		742476		
103	65.7	50.9	76.3		

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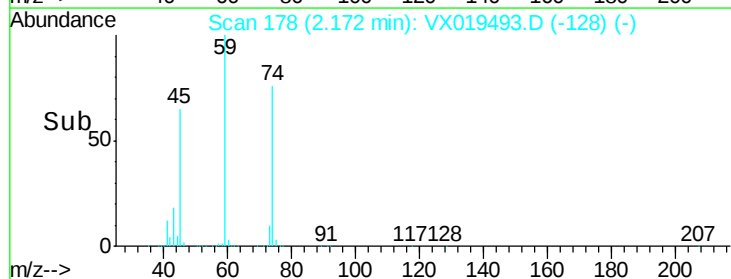
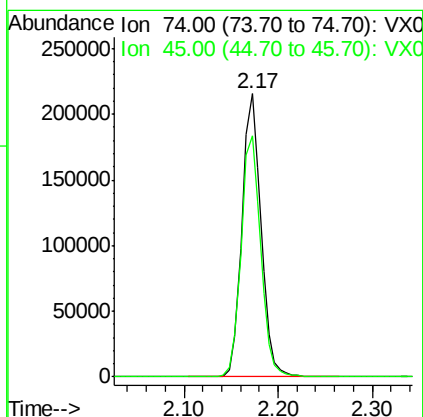
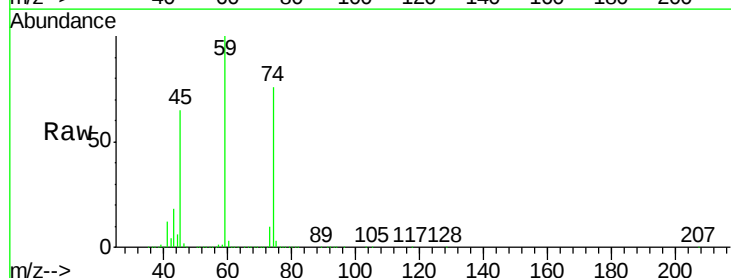
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11/23/2020 3:50:40 PM

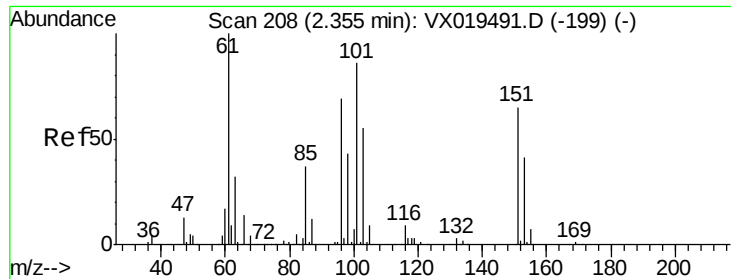


#8

Diethyl Ether
Concen: 157.799 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019493.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		304317		
45	87.5	44.4	133.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 155.443 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

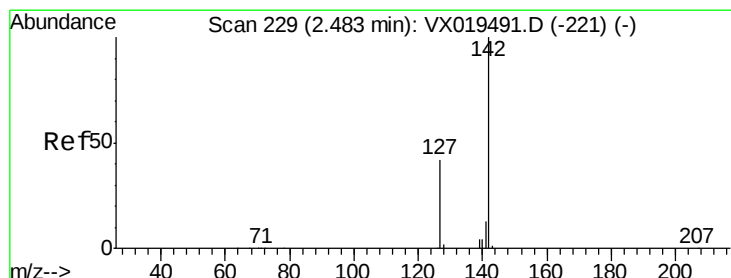
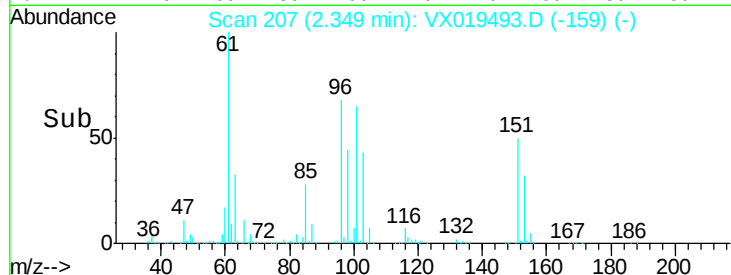
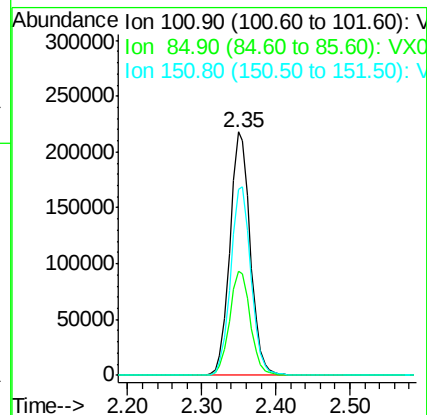
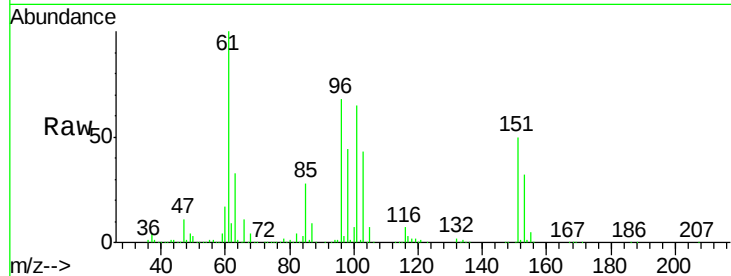
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	417589
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	77.5	60.9	91.3

Manual Integrations
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#10

Methyl Iodide

Concen: 163.790 ug/l

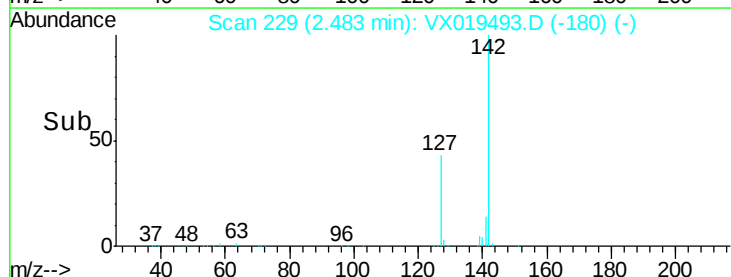
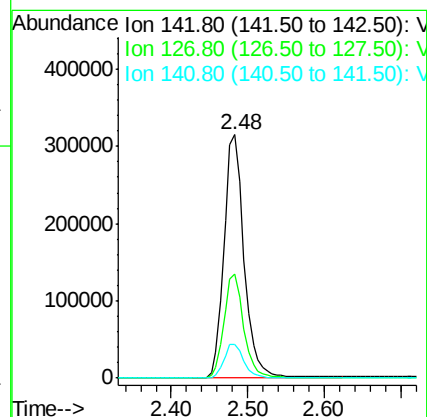
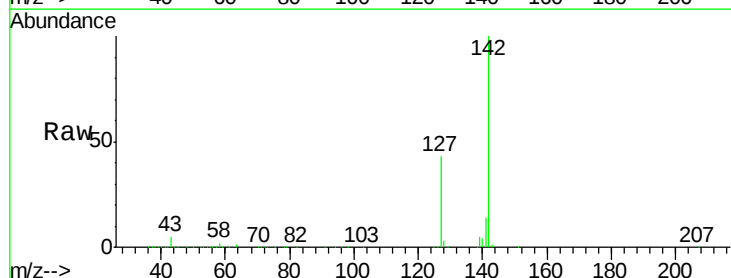
RT: 2.48 min Scan# 229

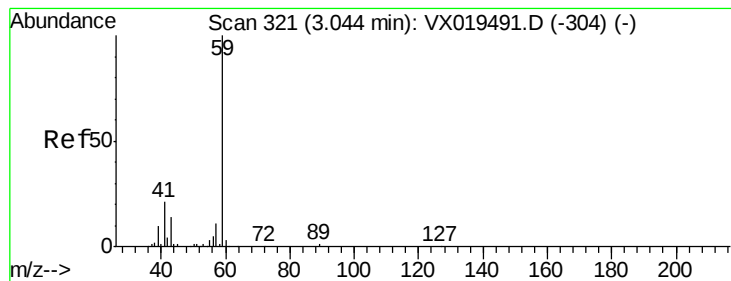
Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	142	Resp:	578056
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.8	50.6
141	13.9	11.0	16.6





#11

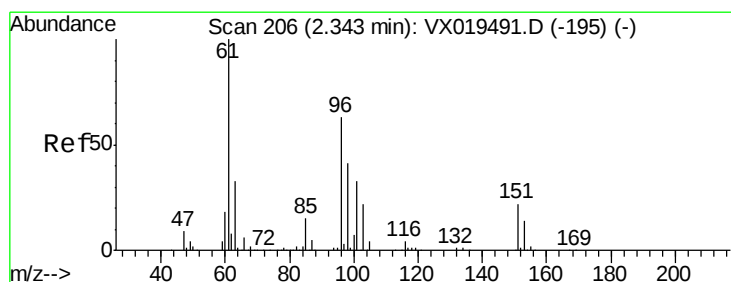
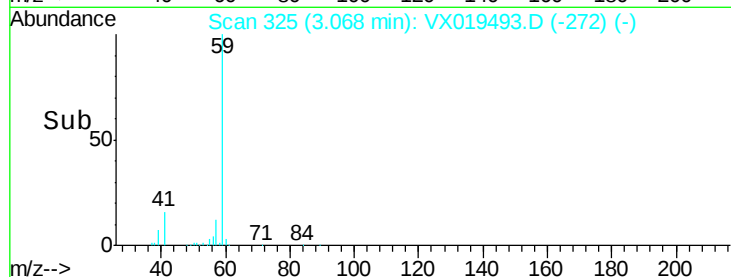
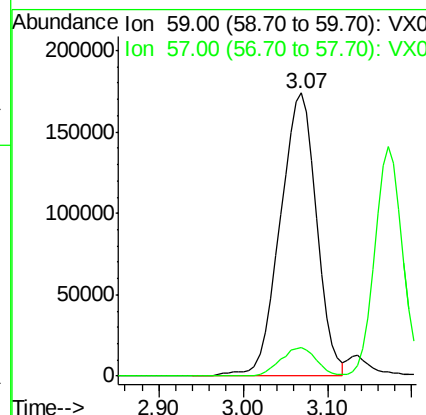
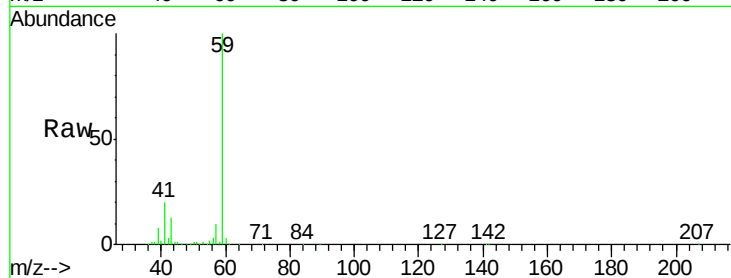
Tert butyl alcohol
Concen: 766.698 ug/l
RT: 3.07 min Scan# 325
Delta R.T. 0.02 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	522510		
57	57	10.0		7.9	11.9

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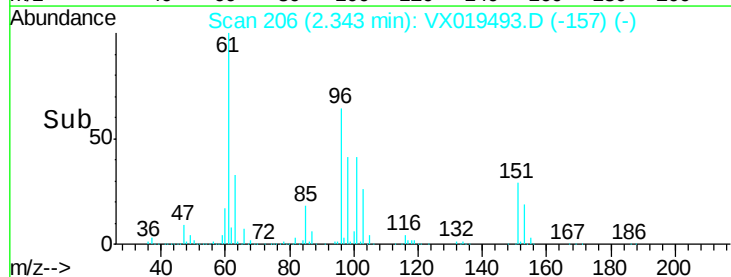
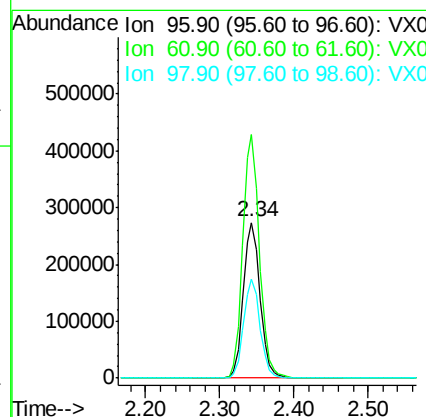
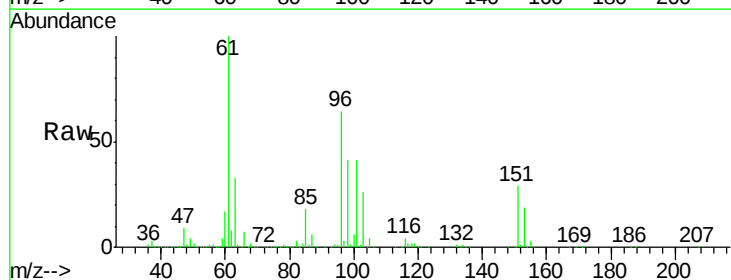
MMDadoda
11/23/2020 3:50:40 PM

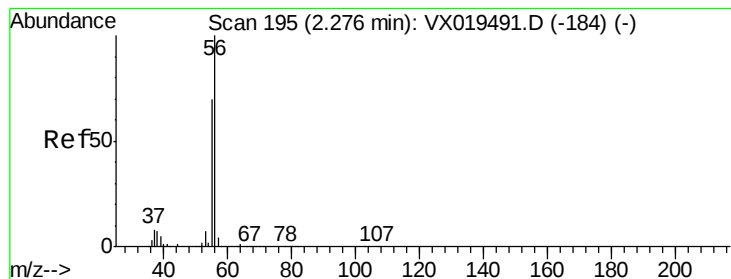


#12

1,1-Dichloroethene
Concen: 156.457 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	431404		
61	61	156.5		126.0	189.0
98	98	63.5		52.0	78.0





#13

Acrolein

Concen: 743.140 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 340436

Ion Ratio Lower Upper

56 100

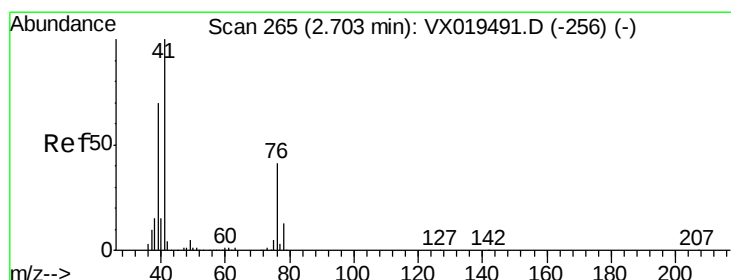
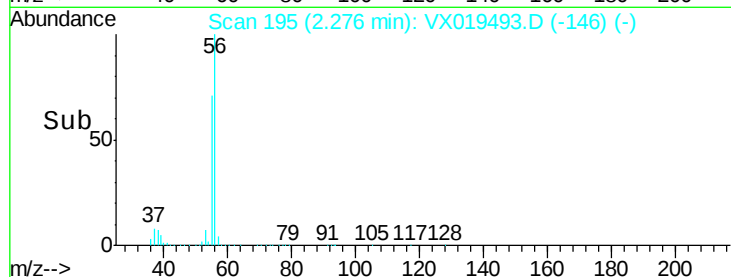
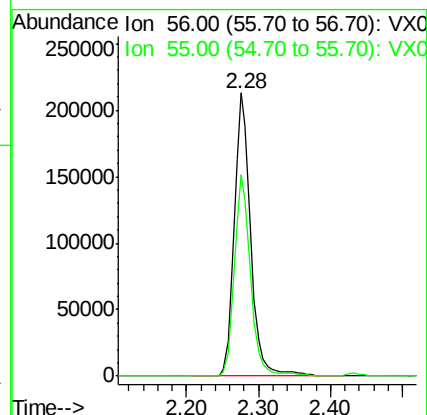
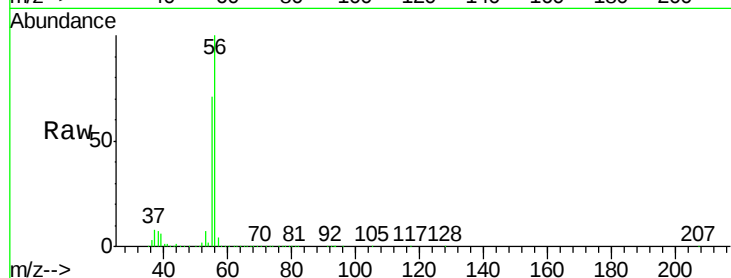
55 70.3 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 157.845 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

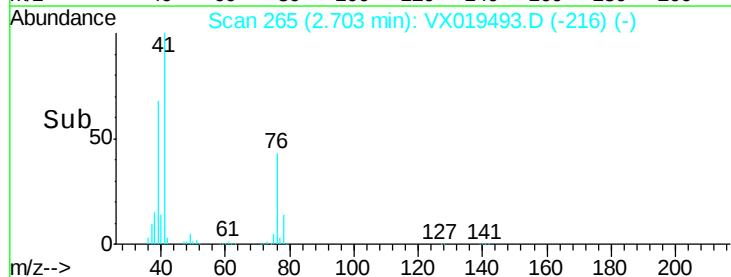
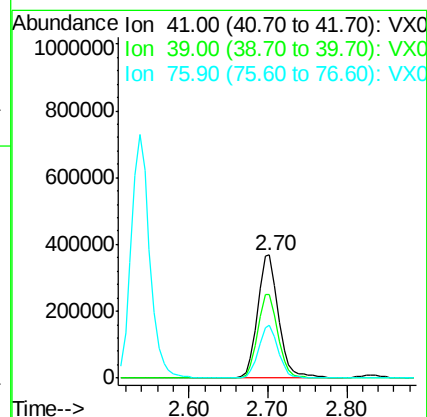
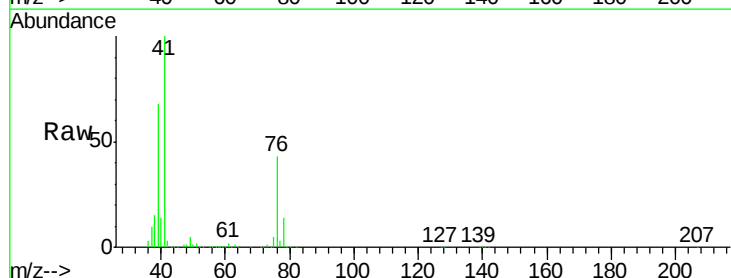
Tgt Ion: 41 Resp: 681824

Ion Ratio Lower Upper

41 100

39 66.1 53.0 79.4

76 40.1 31.0 46.6





#15

Acrylonitrile

Concen: 778.995 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1252025

Ion Ratio Lower Upper

53 100

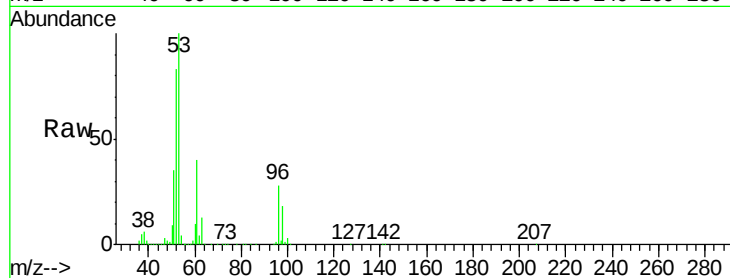
52 81.6 66.2 99.2

51 35.8 28.5 42.7

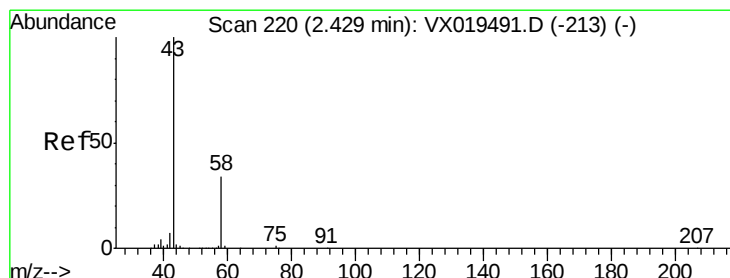
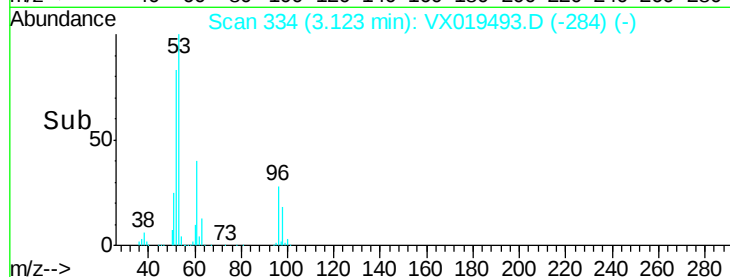
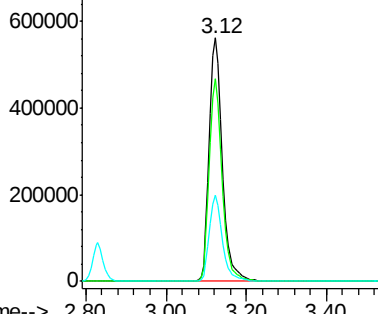
Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 733.331 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX019493.D

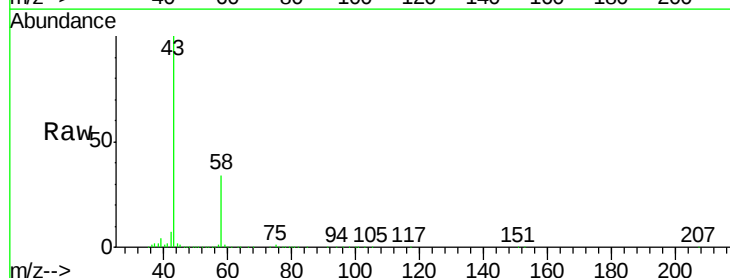
Acq: 20 Nov 2020 11:40

Tgt Ion: 43 Resp: 1021239

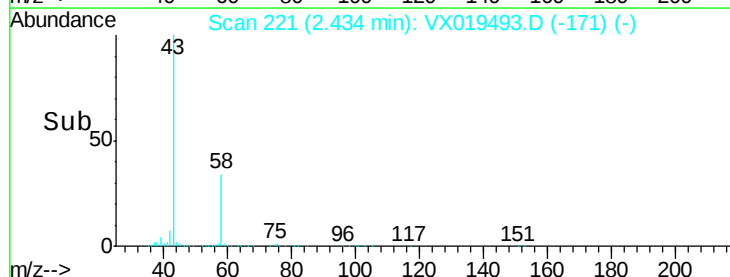
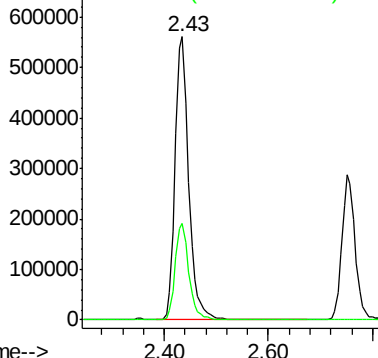
Ion Ratio Lower Upper

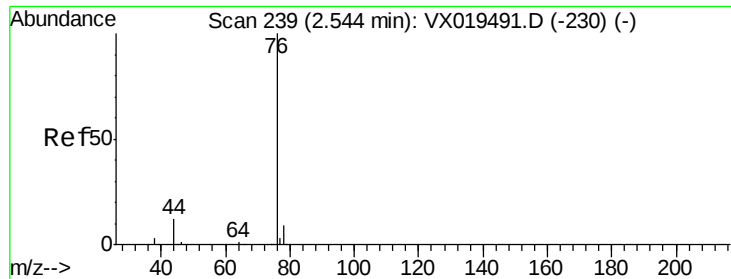
43 100

58 34.3 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 161.036 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1192891

Ion Ratio Lower Upper

76 100

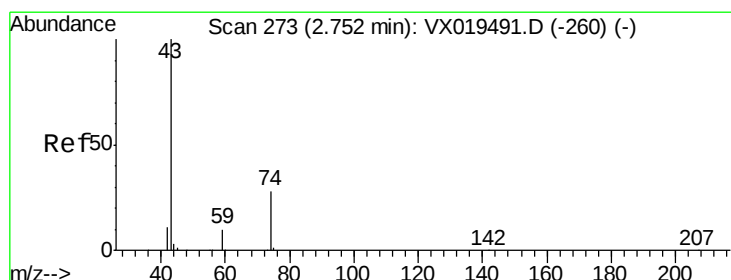
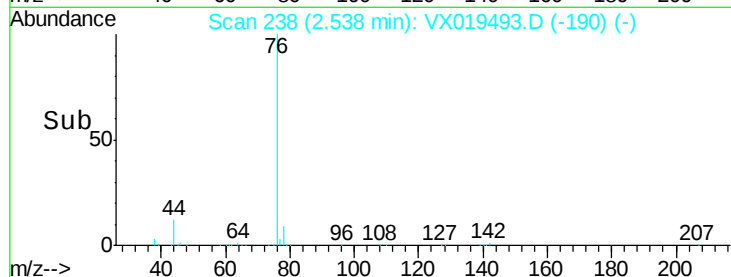
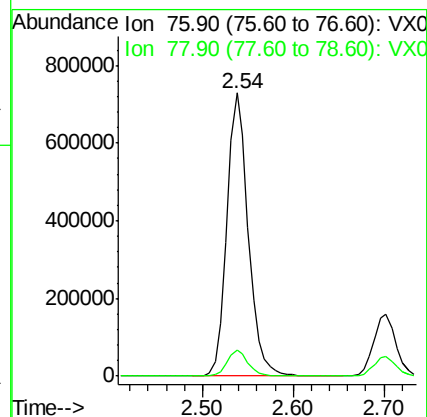
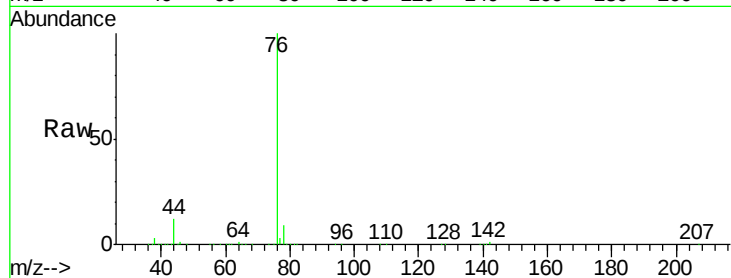
78 9.2 7.2 10.8

Manual Integrations

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11/23/2020 3:50:40 PM



#18

Methyl Acetate

Concen: 144.427 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019493.D

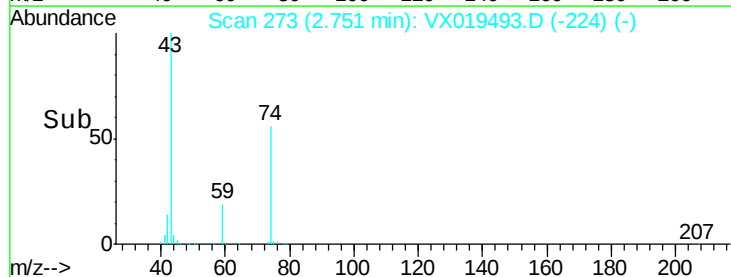
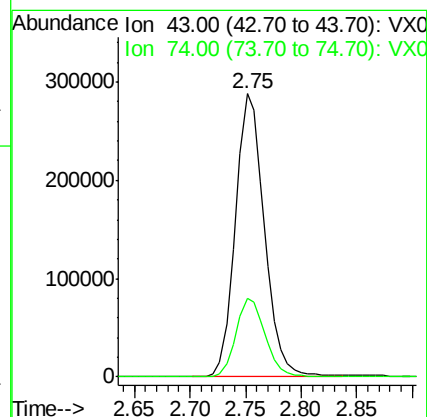
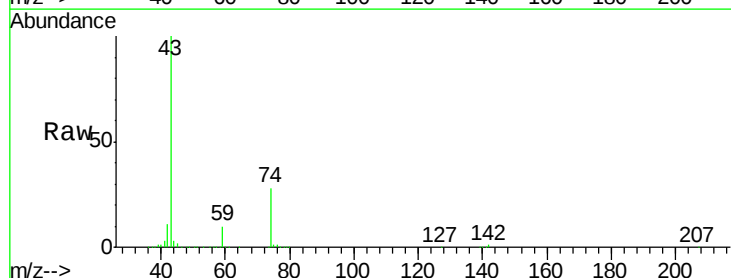
Acq: 20 Nov 2020 11:40

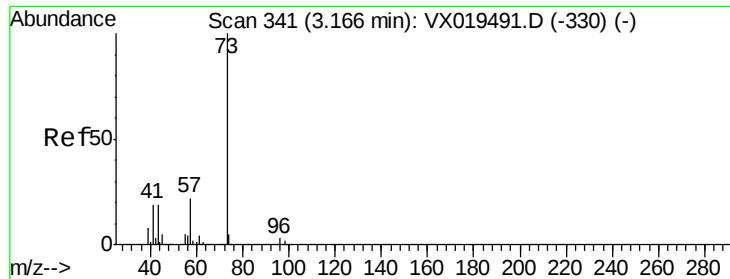
Tgt Ion: 43 Resp: 518818

Ion Ratio Lower Upper

43 100

74 28.1 22.2 33.4





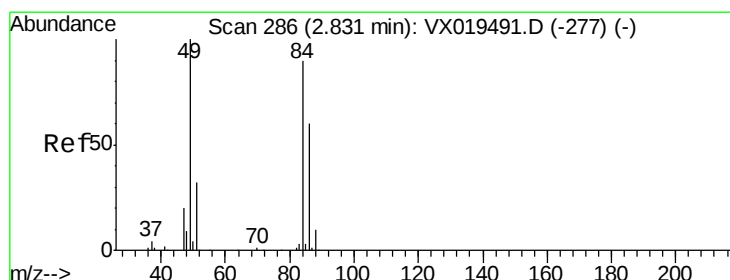
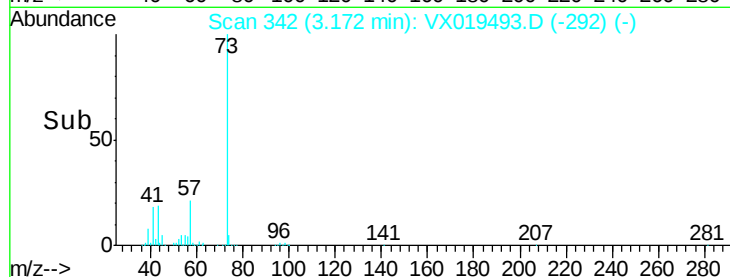
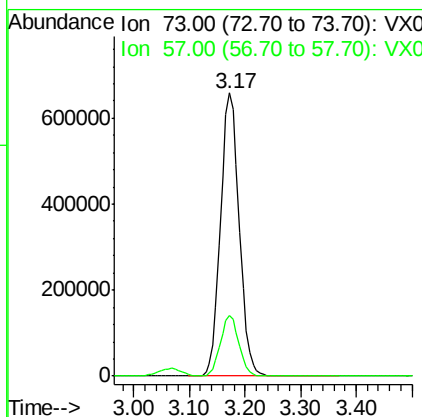
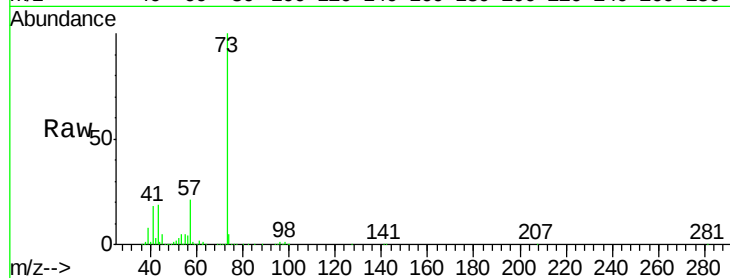
#19
Methvl tert-butvl Ether
Concen: 160.376 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1526426
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

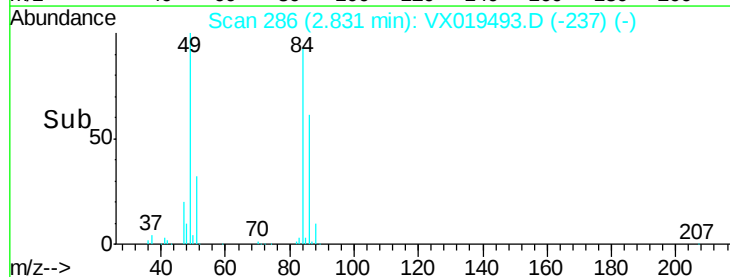
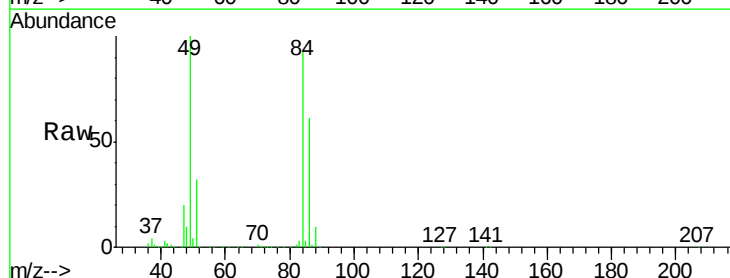
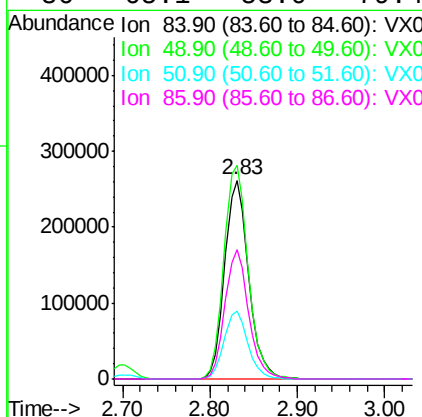
Manual Integrations
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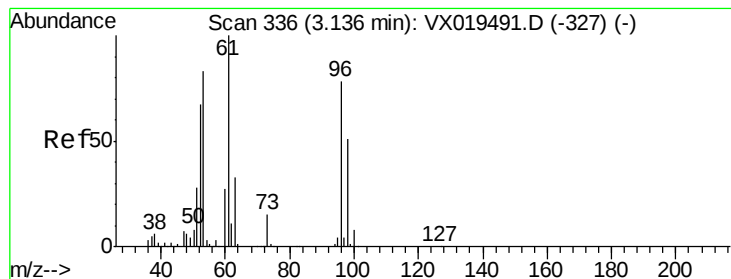
MMDadoda
11/23/2020 3:50:40 PM



#20
Methylene Chloride
Concen: 142.866 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 84 Resp: 497270
Ion Ratio Lower Upper
84 100
49 107.6 88.5 132.7
51 34.0 28.0 42.0
86 65.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 156.735 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

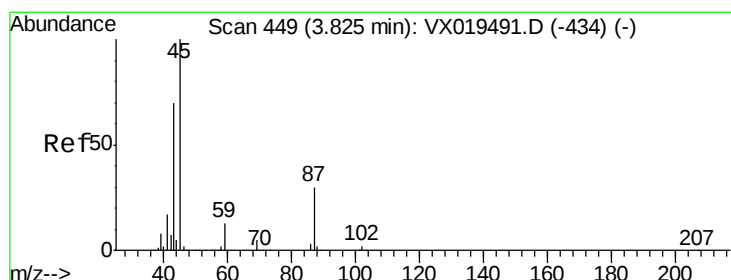
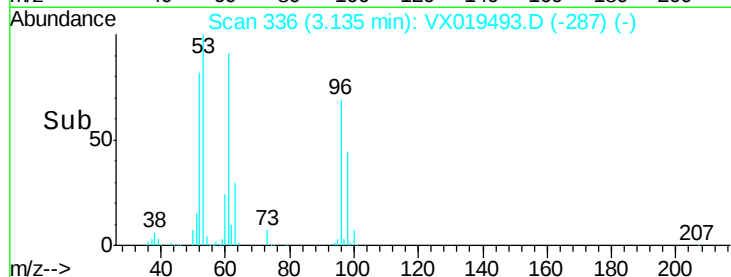
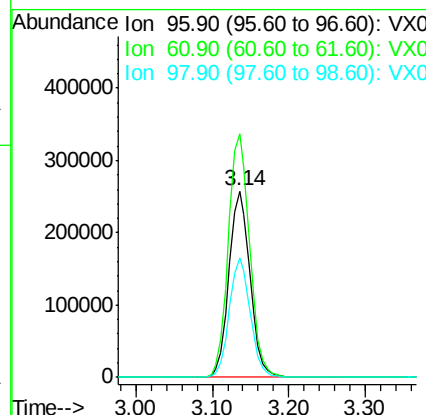
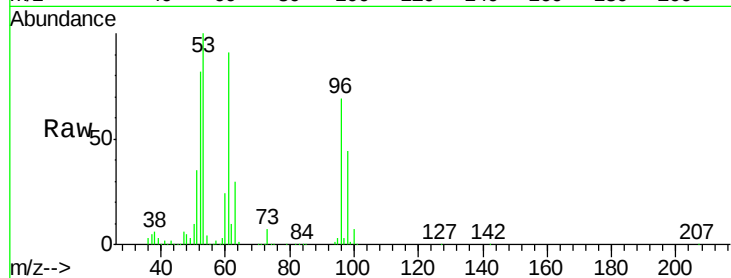
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	489650
Ion	Ratio	Lower	Upper
96	100		
61	130.7	102.9	154.3
98	63.9	52.1	78.1

Manual Integrations
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MMDadoda
11/23/2020 3:50:40 PM



#22

Diisopropyl ether

Concen: 158.637 ug/l

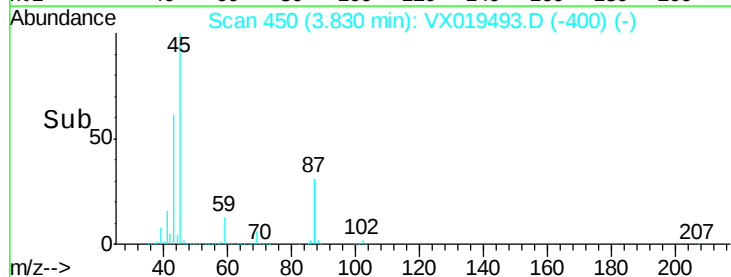
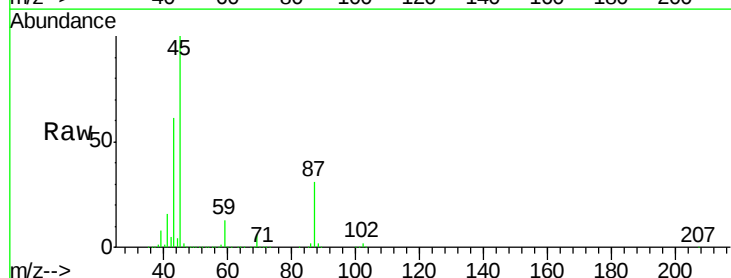
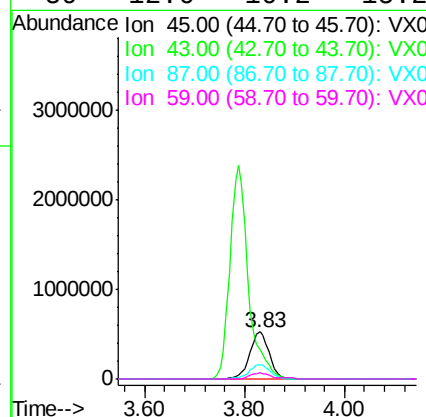
RT: 3.83 min Scan# 450

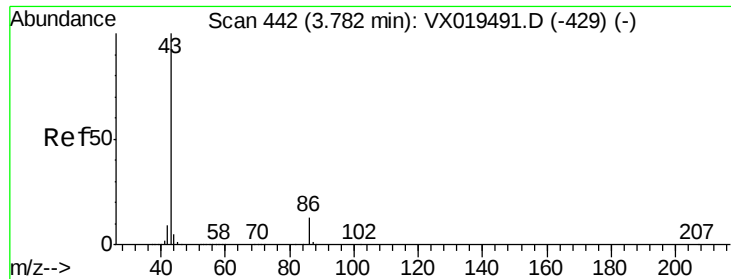
Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	45	Resp:	1417567
Ion	Ratio	Lower	Upper
45	100		
43	61.3	56.1	84.1
87	30.7	24.2	36.2
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 819.352 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC150

Tot Ion: 43 Resp: 6141307

Ion Ratio Lower Upper

43 100

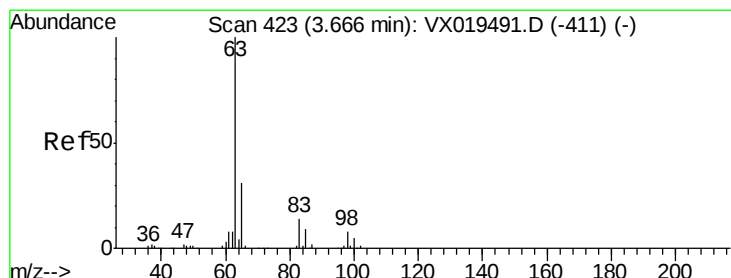
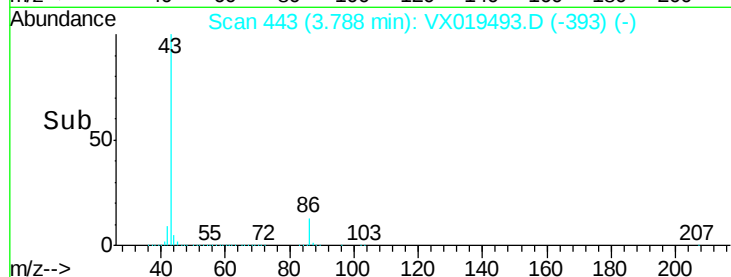
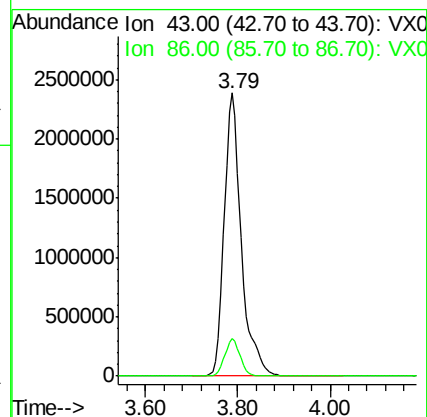
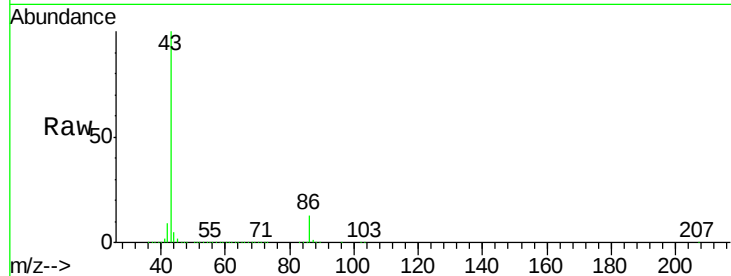
86 13.3 10.2 15.2

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 155.748 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

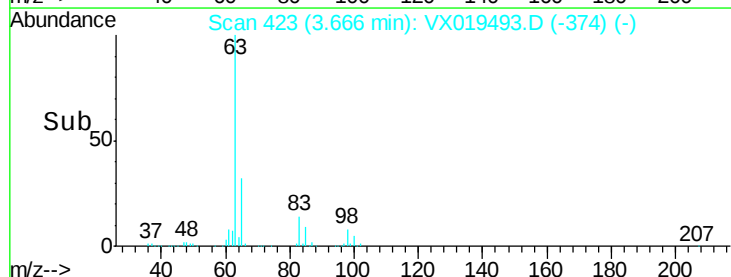
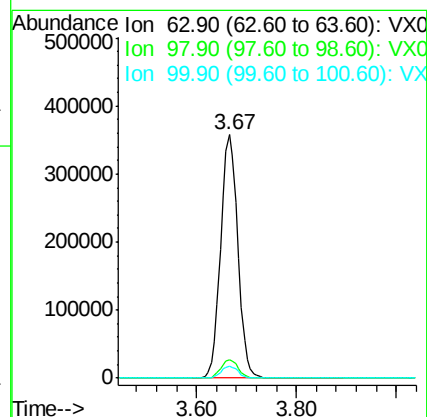
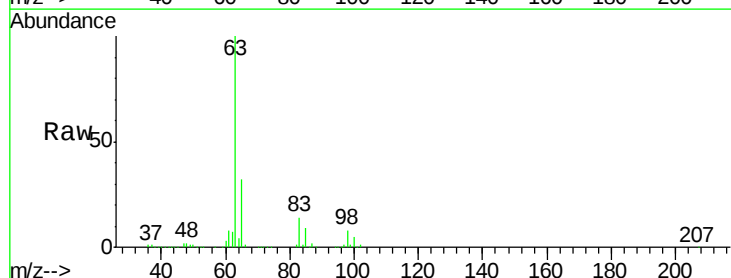
Tgt Ion: 63 Resp: 851269

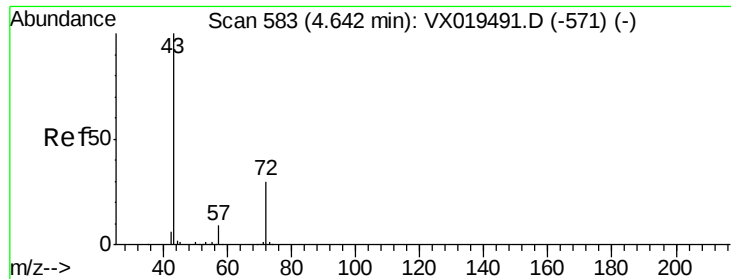
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 756.446 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1582451

Ion Ratio Lower Upper

43 100

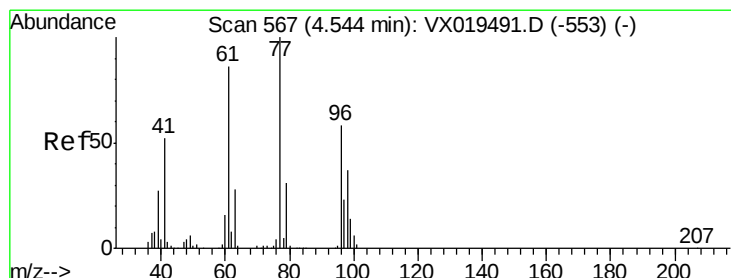
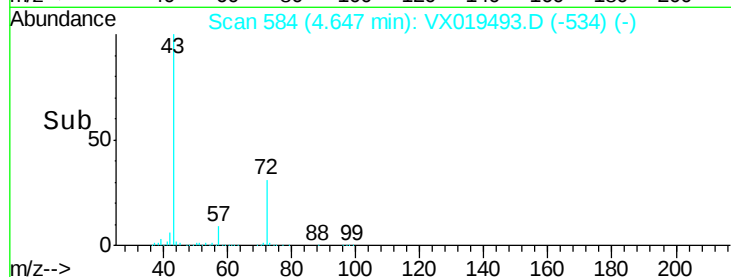
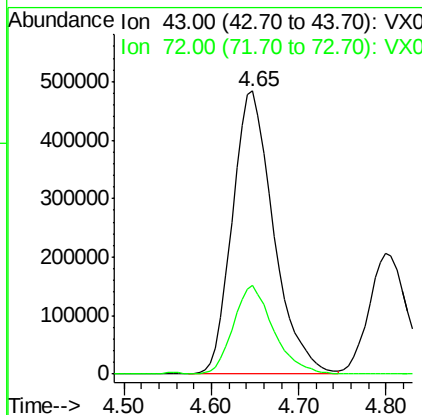
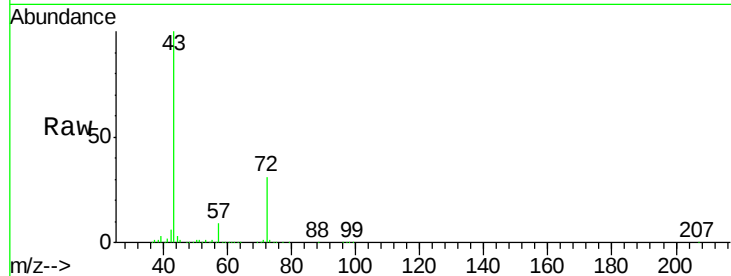
72 31.0 24.0 36.0

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:50:40 PM



#26

2,2-Dichloropropane

Concen: 158.080 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019493.D

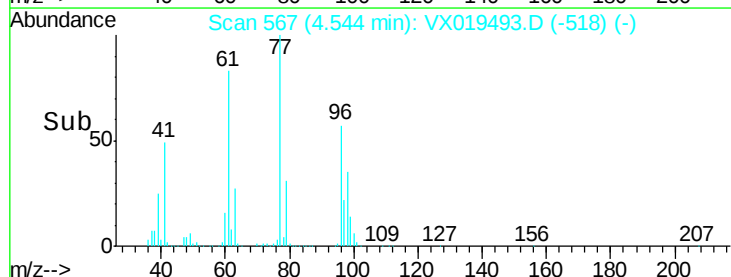
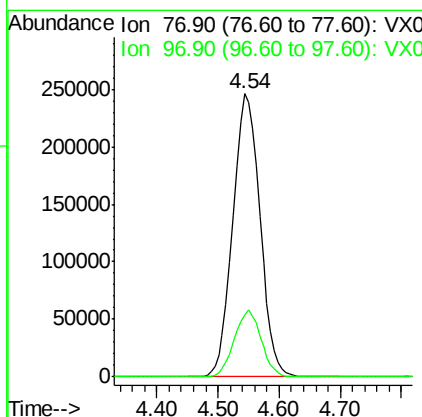
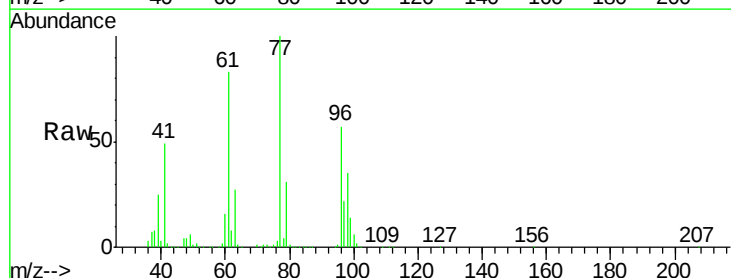
Acq: 20 Nov 2020 11:40

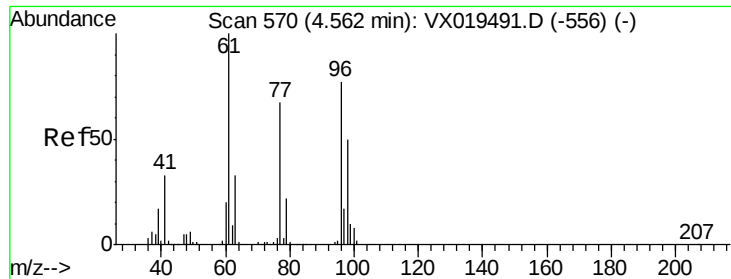
Tgt Ion: 77 Resp: 754160

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

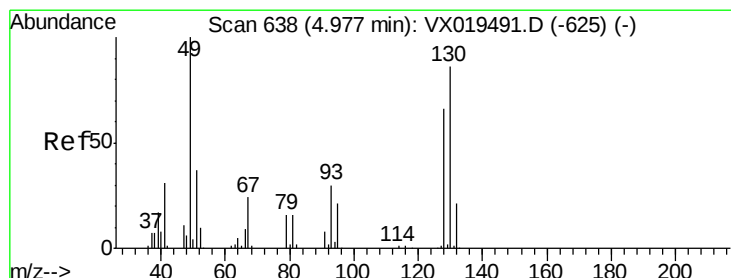
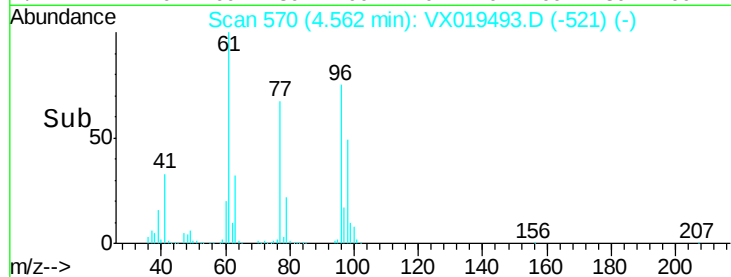
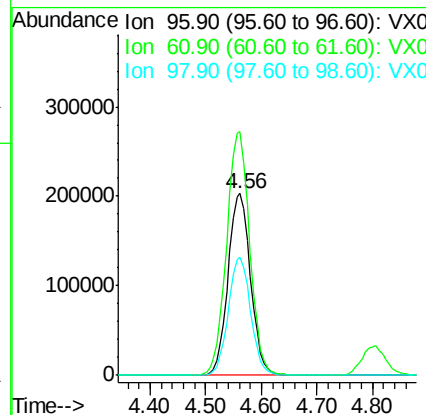
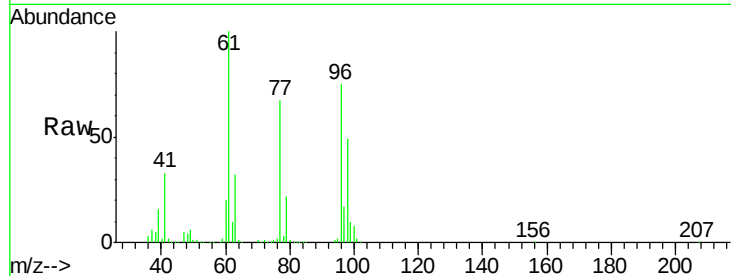
cis-1,2-Dichloroethene
Concen: 158.111 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	567390		
61	138.2	0.0	279.2	
98	64.5	0.0	129.8	

Manual Integrations
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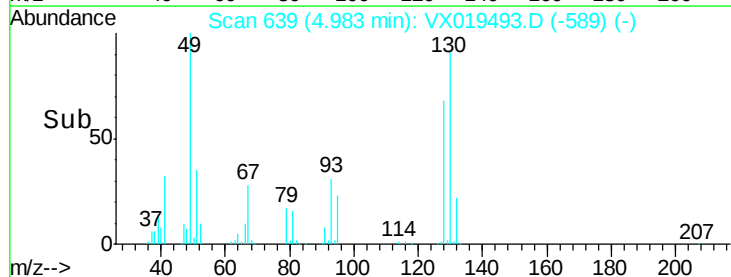
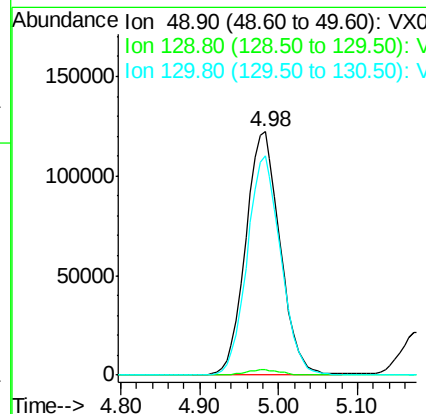
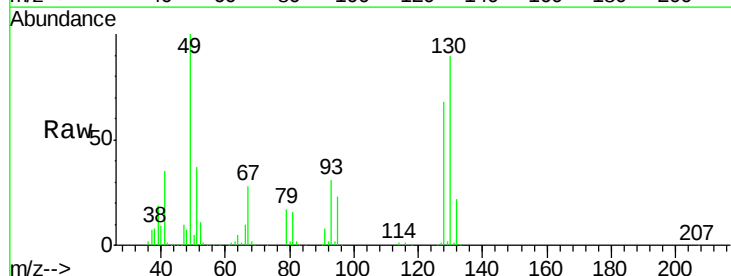
MMDadoda
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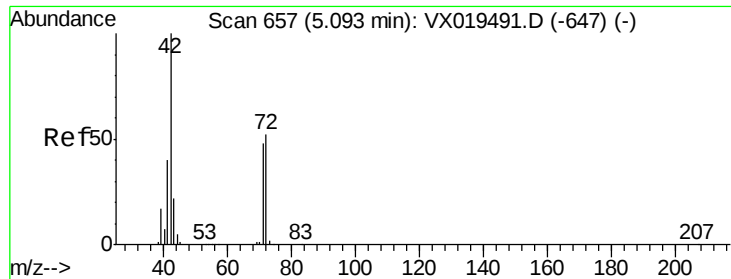


#28

Bromochloromethane
Concen: 141.975 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	371000		
129	2.1	0.0	4.2	
130	88.3	69.0	103.6	





#29

Tetrahydrofuran

Concen: 765.697 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 1022027

Ion Ratio Lower Upper

42 100

72 52.9 42.6 63.8

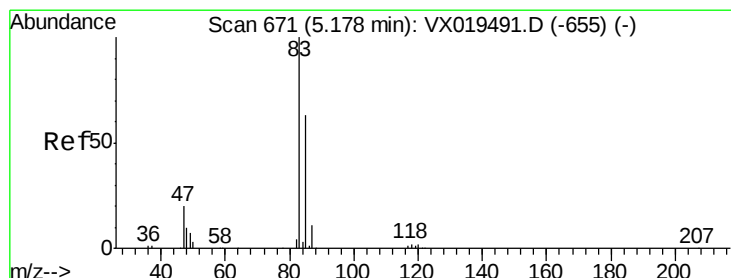
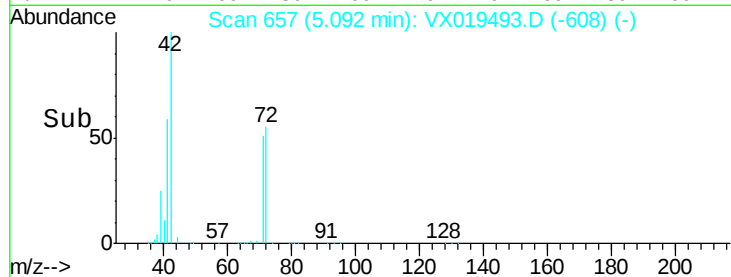
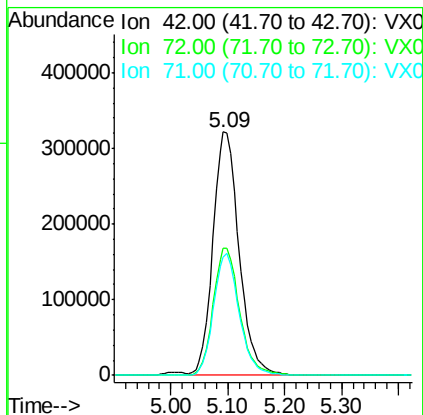
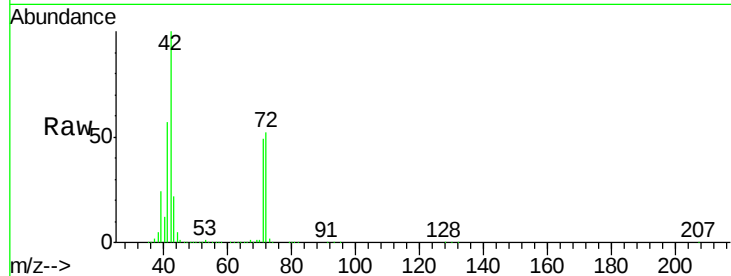
71 49.3 39.0 58.6

Manual Integrations

APPROVED

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#30

Chloroform

Concen: 154.499 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019493.D

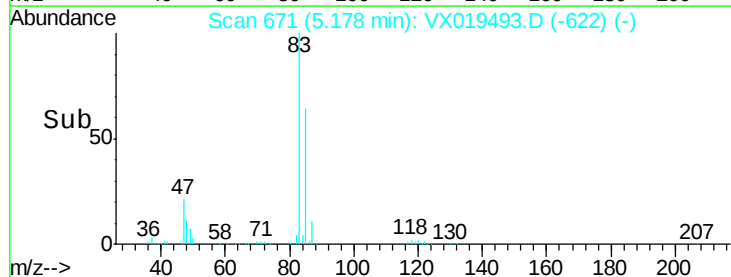
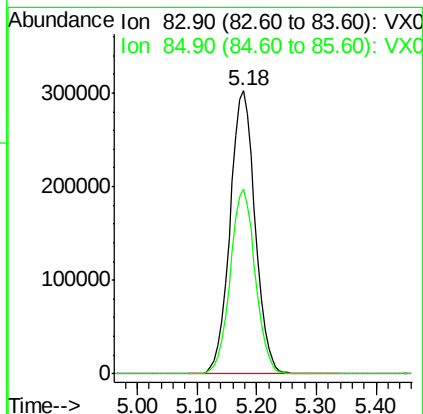
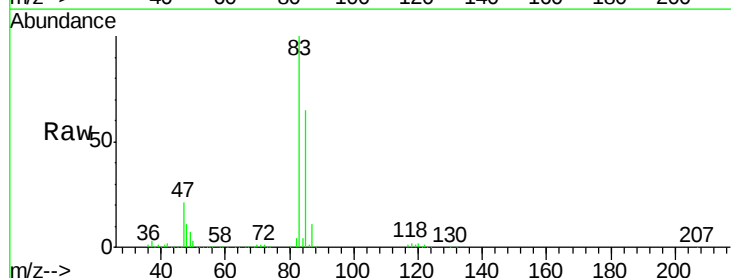
Acq: 20 Nov 2020 11:40

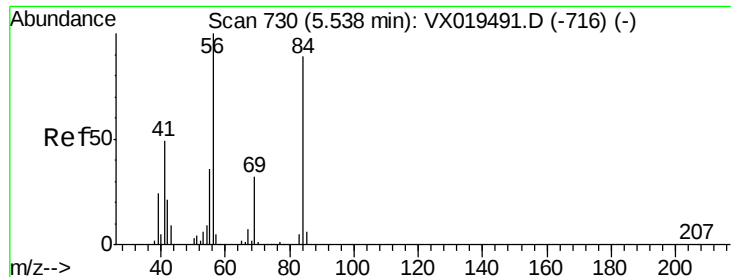
Tgt Ion: 83 Resp: 882989

Ion Ratio Lower Upper

83 100

85 65.5 50.5 75.7





#31

Cvclohexane

Concen: 157.764 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

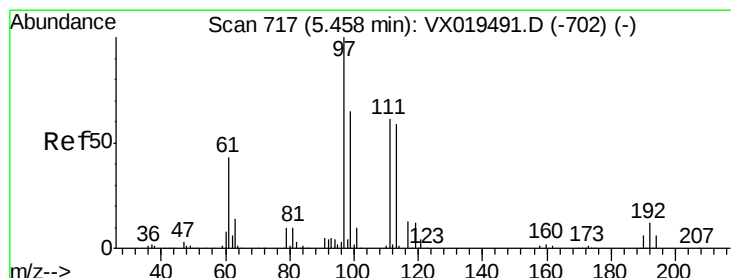
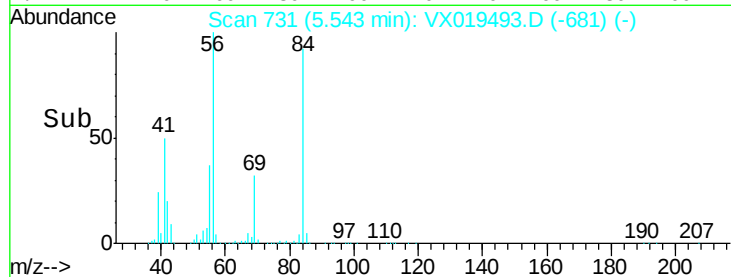
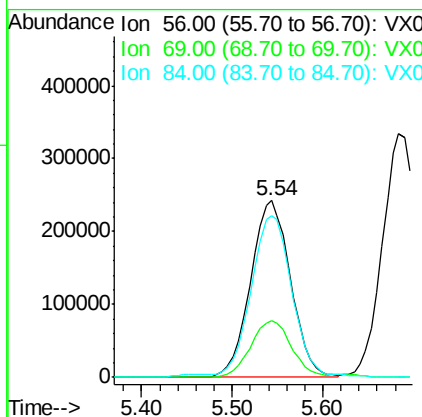
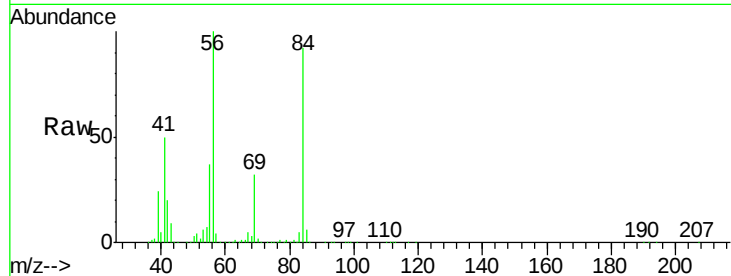
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	738912
Ion Ratio	Lower	Upper	
56	100		
69	32.1	25.5	38.3
84	90.4	71.1	106.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 160.513 ug/l

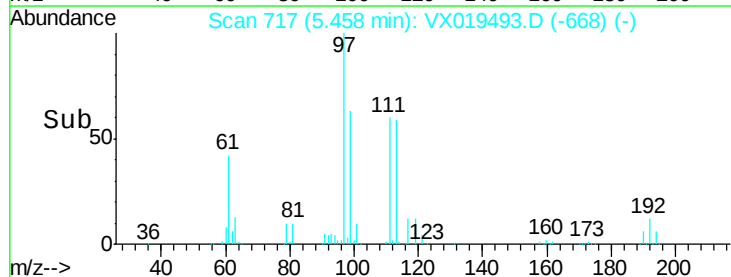
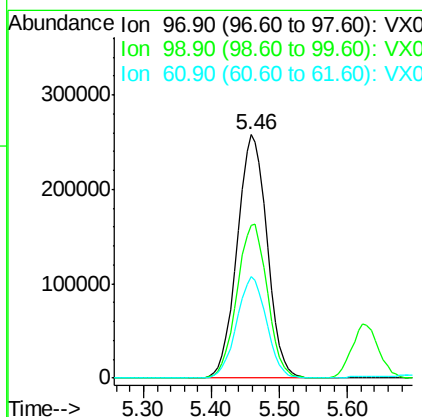
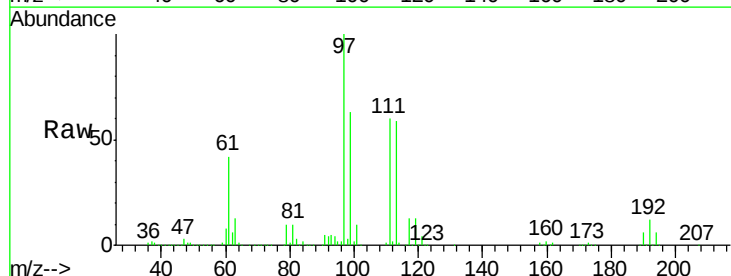
RT: 5.46 min Scan# 717

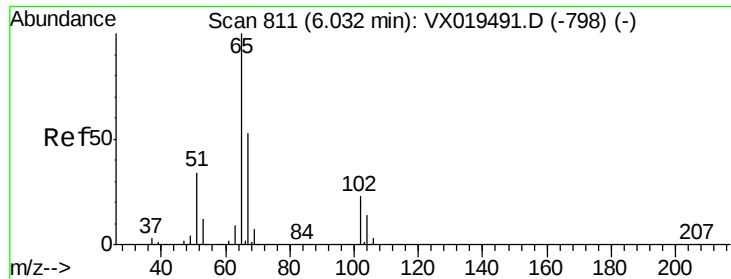
Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	97	Resp:	788010
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	41.6	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 153.378 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 552325

Ion Ratio Lower Upper

65 100

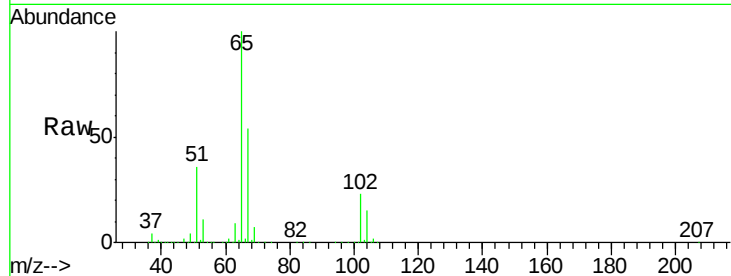
67 53.2 0.0 105.0

Manual Integrations

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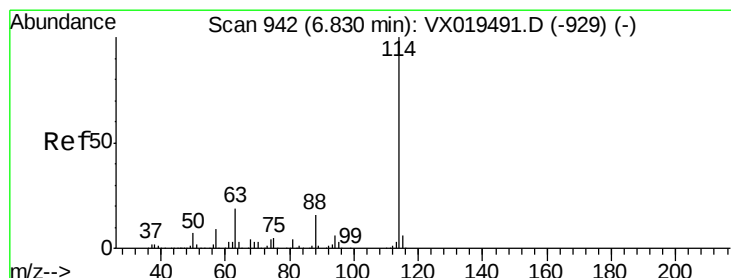
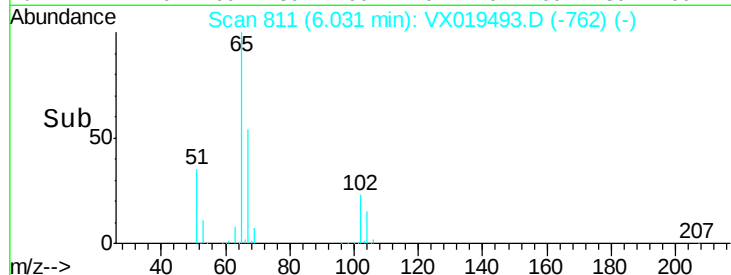
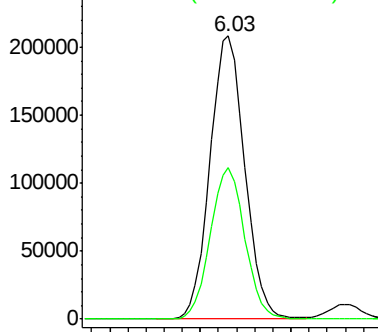
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

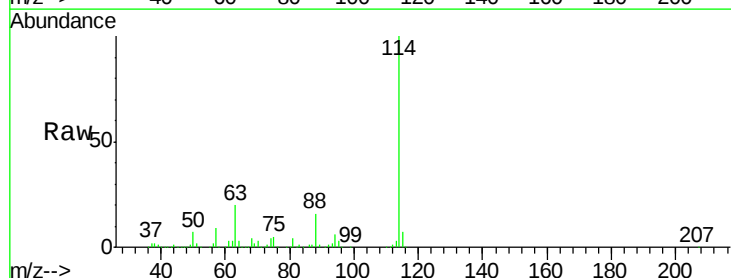
Tgt Ion: 114 Resp: 457051

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

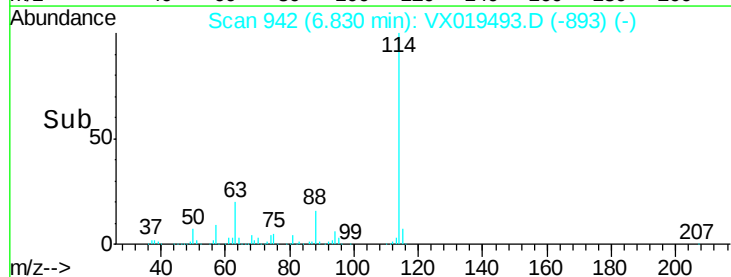
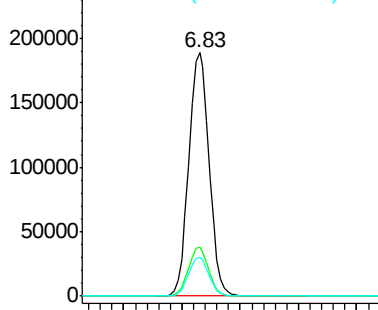
88 15.9 0.0 31.6

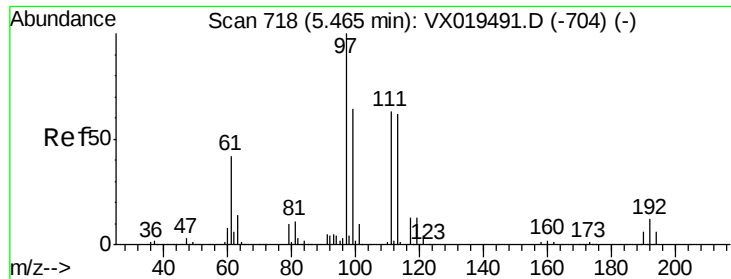


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





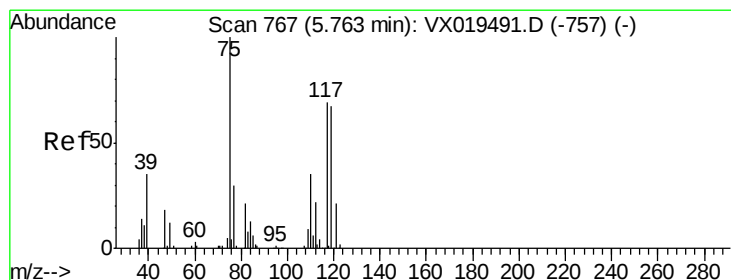
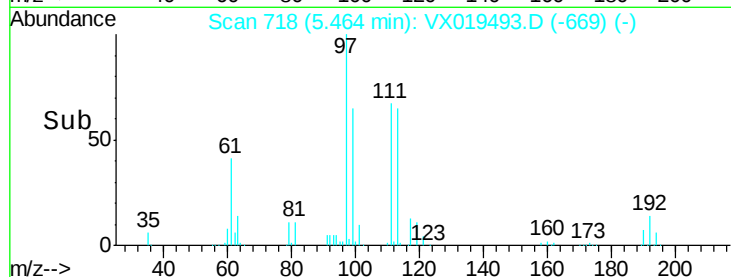
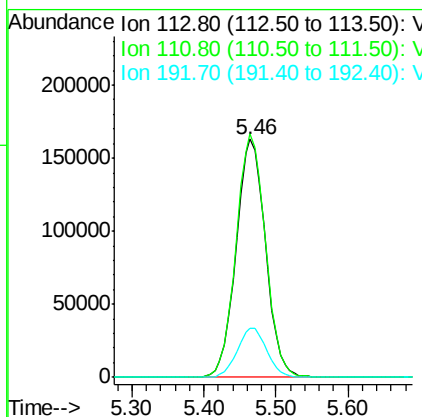
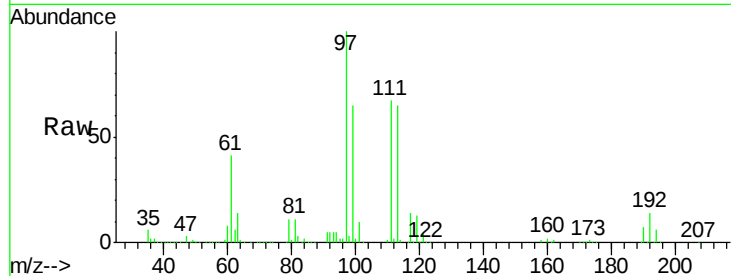
#35
Dibromofluoromethane
Concen: 160.841 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	461437		
111	102.2	81.5	122.3	
192	20.8	16.2	24.2	

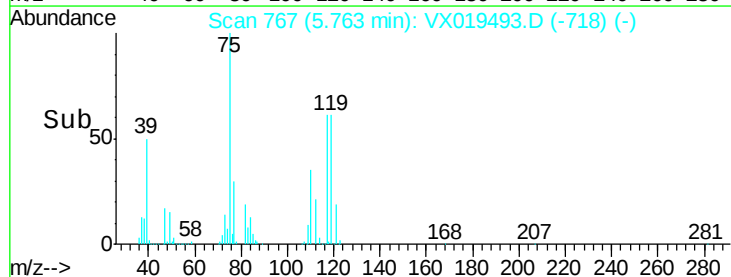
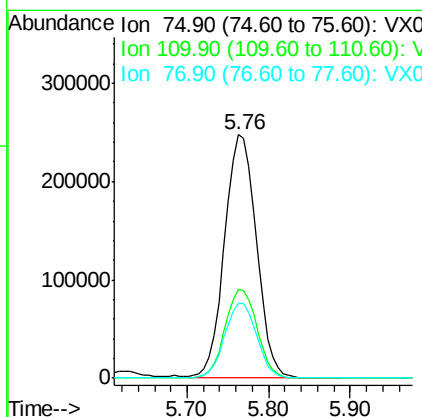
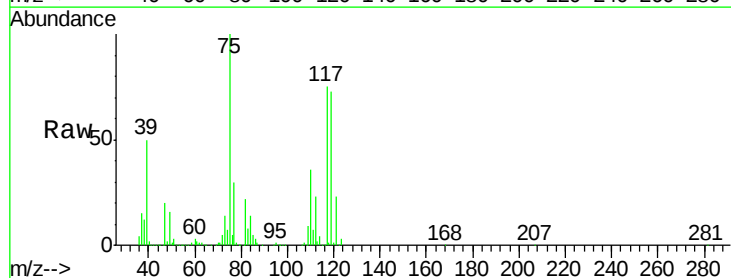
Manual Integrations
APPROVED

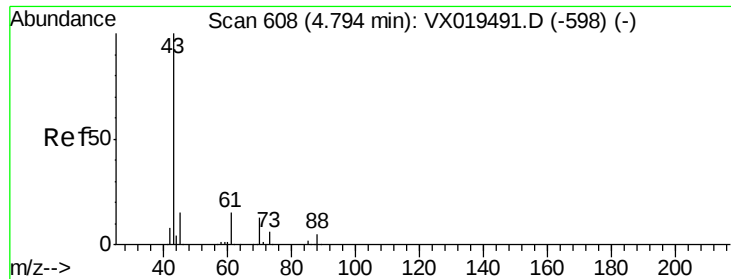
MMDadoda
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#36
1,1-Dichloropropene
Concen: 156.050 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	668651		
110	36.6	18.1	54.3	
77	31.0	24.2	36.4	





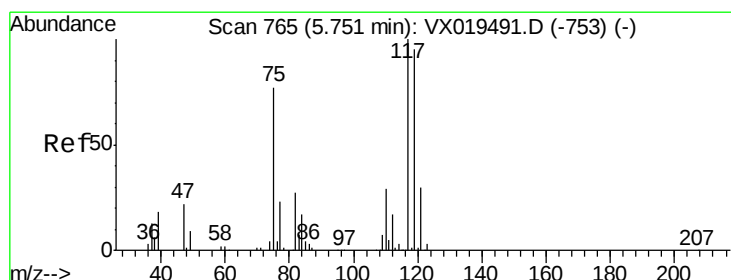
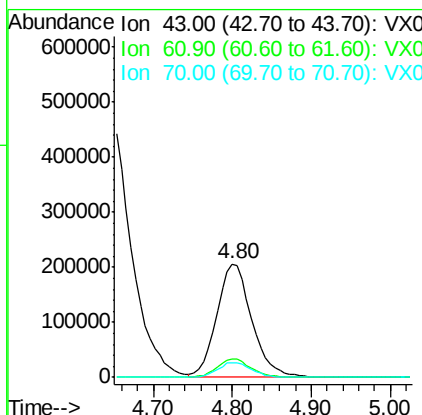
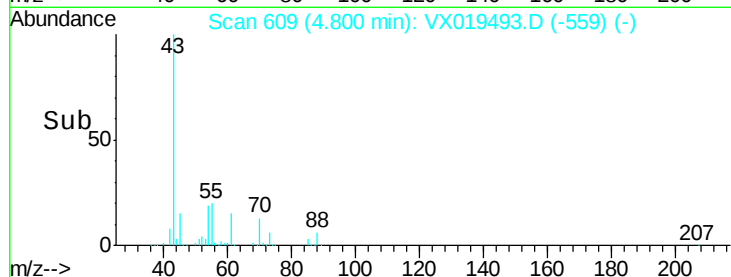
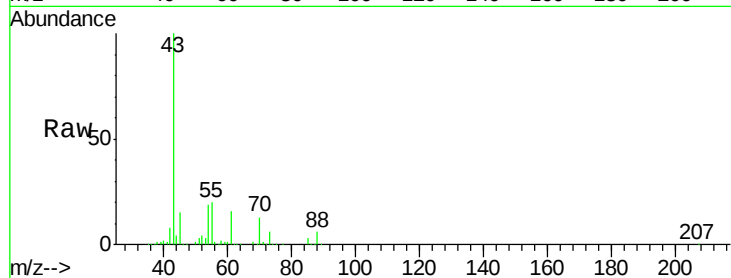
#37
Ethyl Acetate
Concen: 157.088 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.7	19.1
70	12.9	10.2	15.2

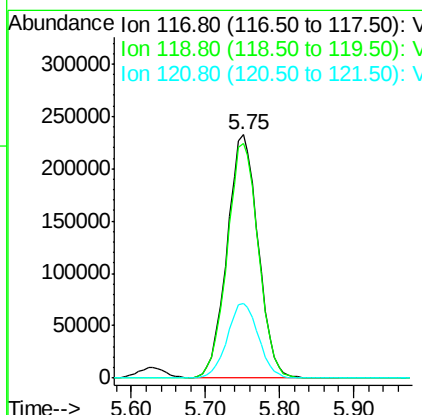
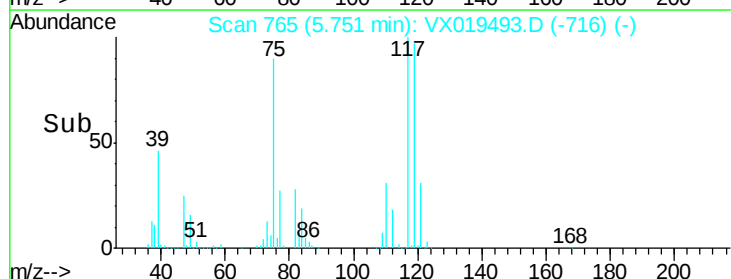
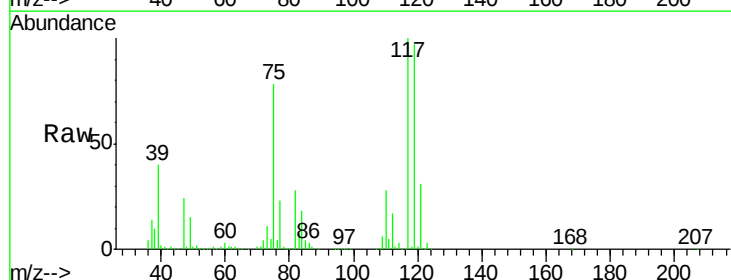
Manual Integrations
APPROVED

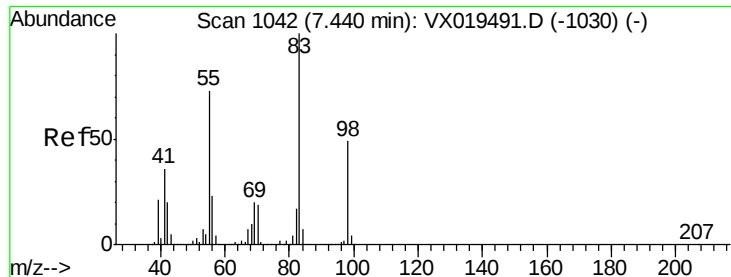
MMDadoda
11/23/2020 3:50:40 PM



#38
Carbon Tetrachloride
Concen: 162.993 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.9	113.9
121	30.6	24.0	36.0





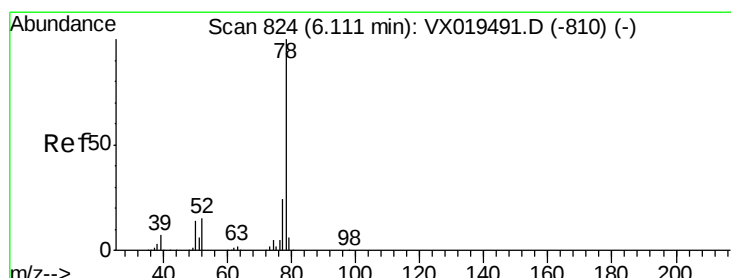
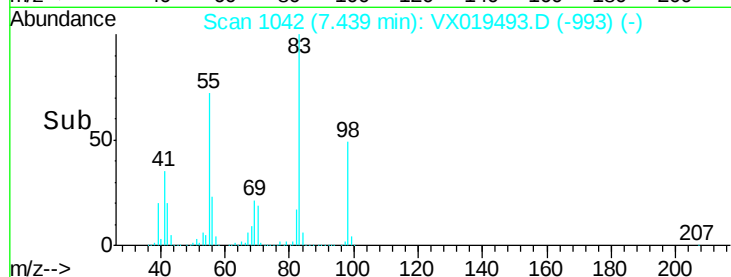
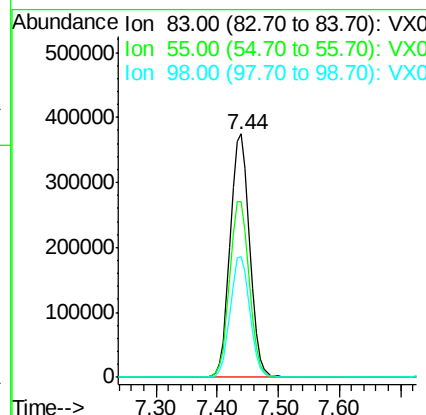
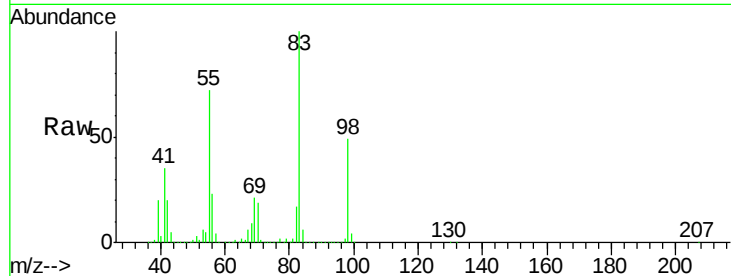
#39
Methvlcvclohexane
Concen: 164.029 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	58.3	87.5
98	49.4	38.9	58.3

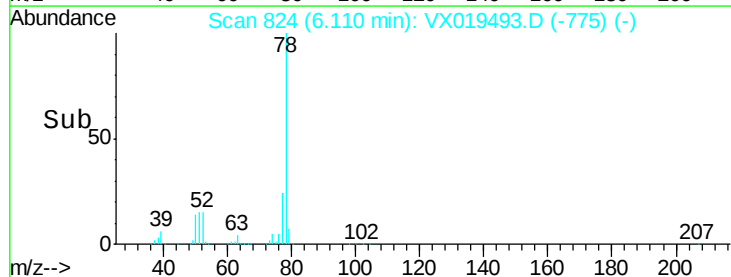
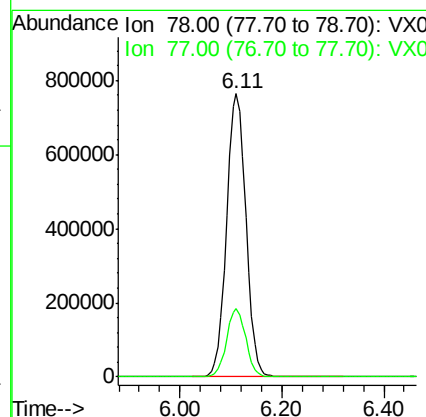
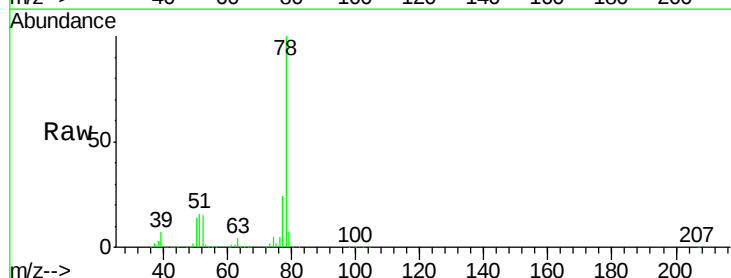
Manual Integrations
APPROVED

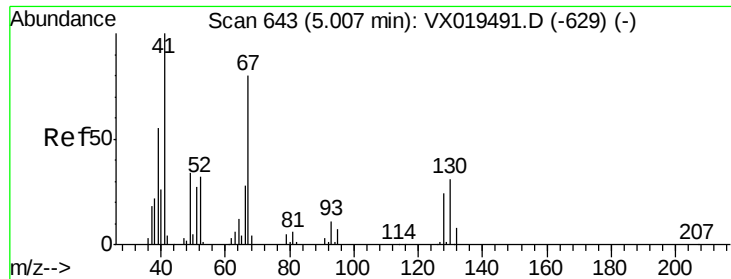
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#40
Benzene
Concen: 152.449 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





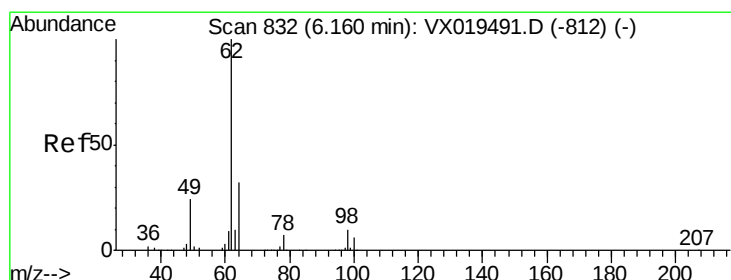
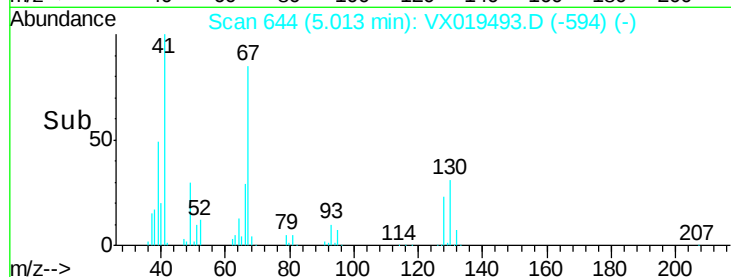
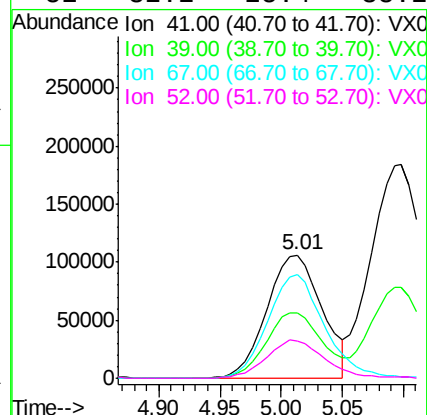
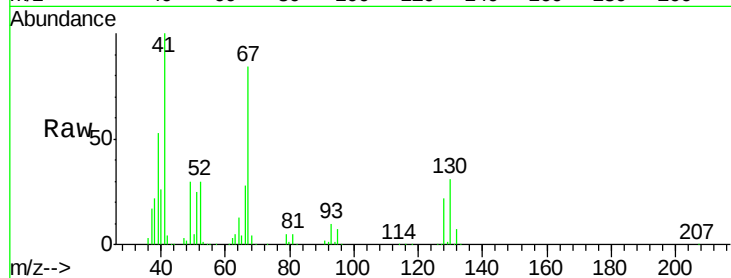
#41
Methacrylonitrile
Concen: 150.487 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		333818		
39	53.6	43.3	64.9		
67	86.5	66.0	99.0		
52	32.2	25.4	38.2		

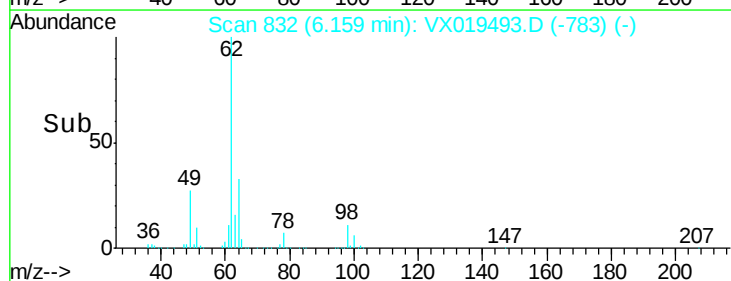
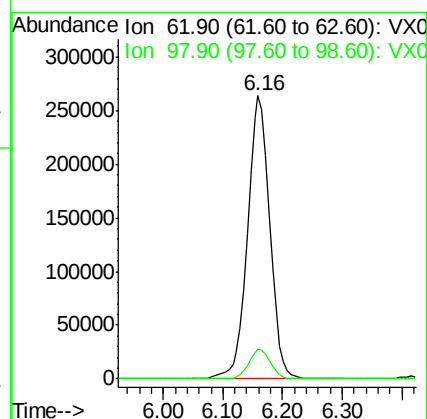
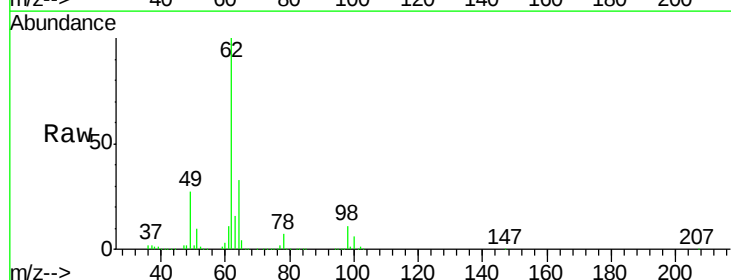
Manual Integrations
APPROVED

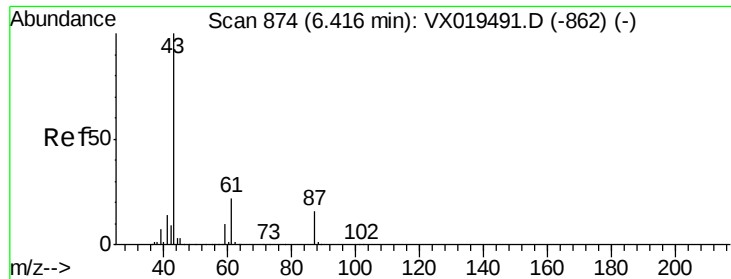
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#42
1,2-Dichloroethane
Concen: 151.322 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		682836		
98	10.3	0.0	20.0		





#43

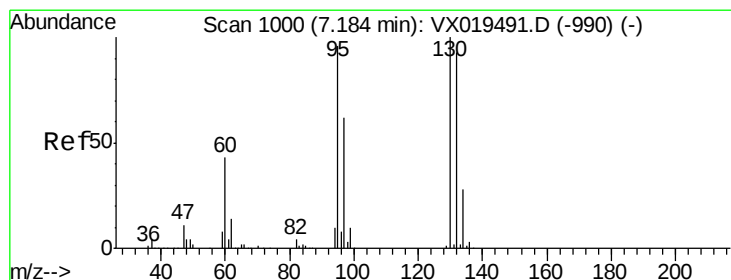
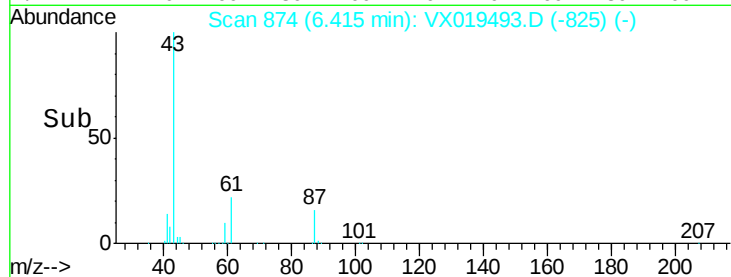
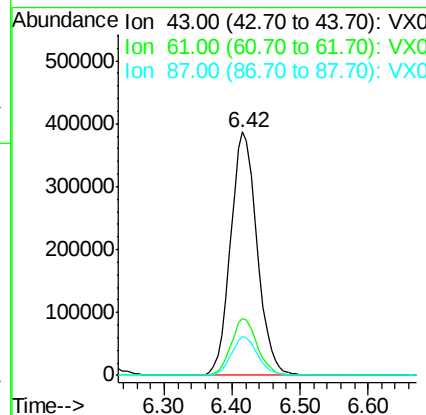
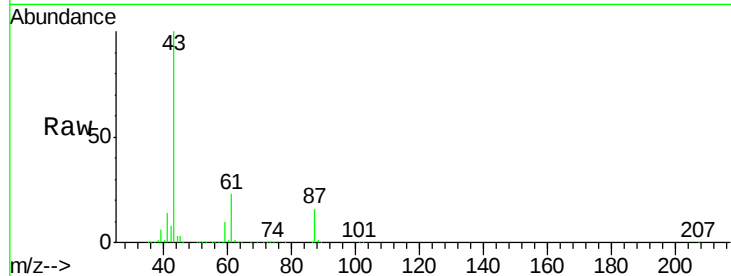
Isopropyl Acetate
 Concen: 153.752 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.2
87	15.7	12.6	18.8

Manual Integrations
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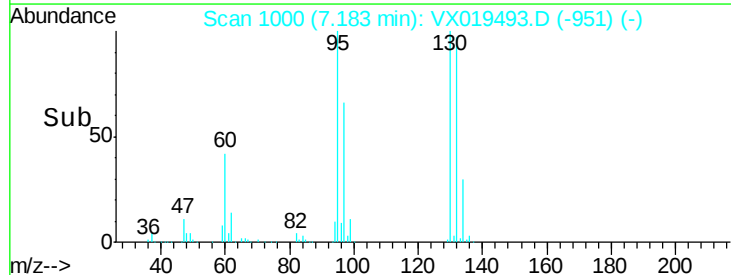
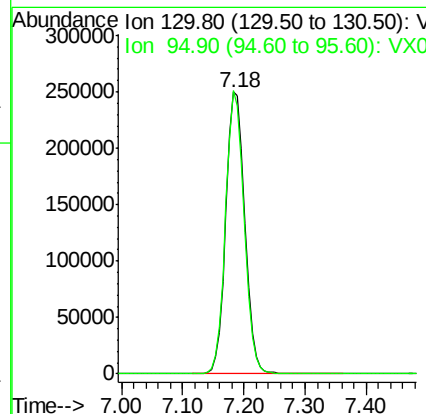
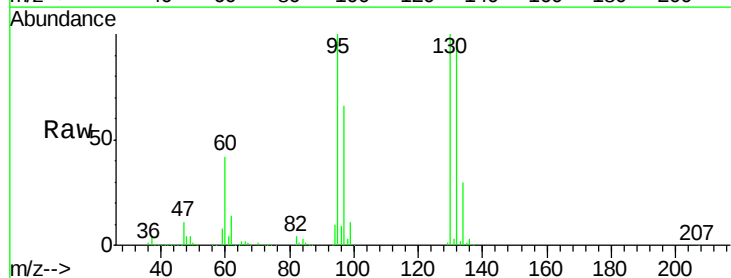
MMDadoda
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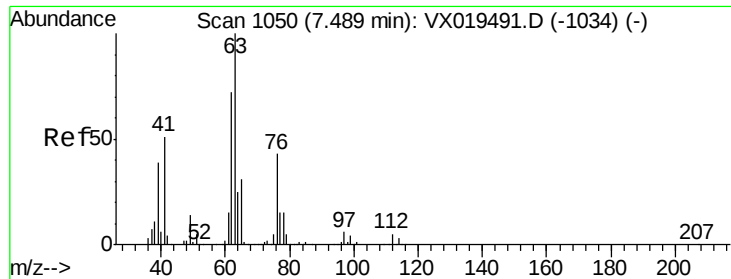


#44

Trichloroethene
 Concen: 156.683 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	191.2





#45

1,2-Dichloropropane

Concen: 154.459 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 63 Resp: 500608

Ion Ratio Lower Upper

63 100

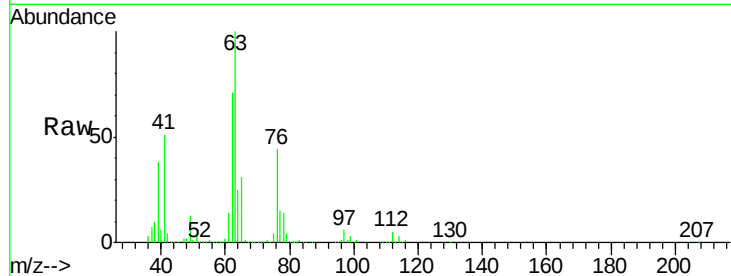
65 30.5 25.0 37.4

Manual Integrations

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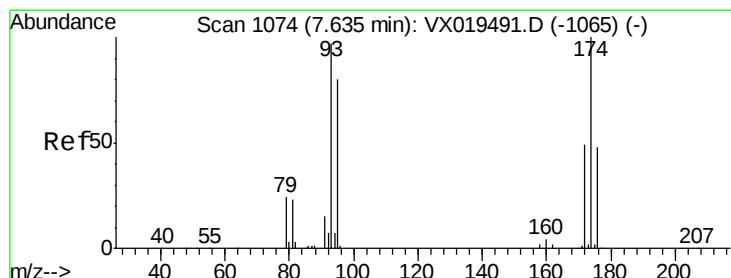
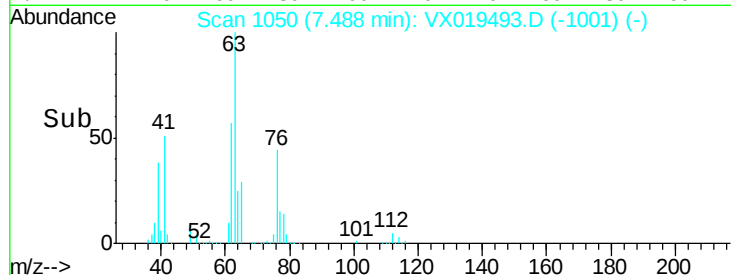
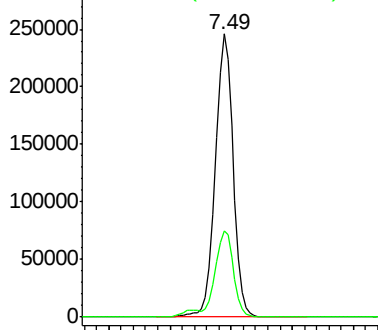
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 154.632 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

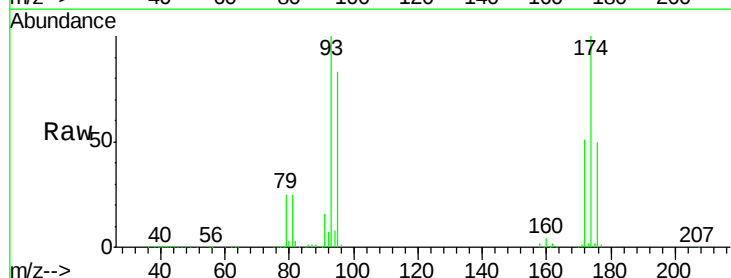
Tgt Ion: 93 Resp: 343012

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

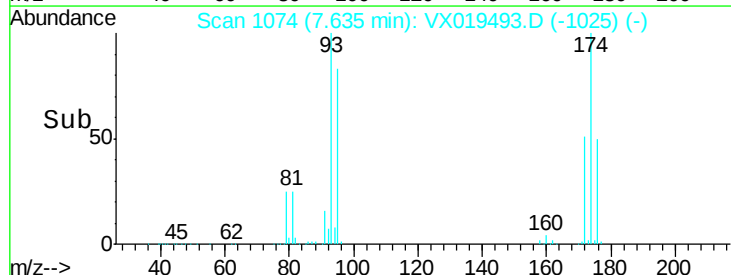
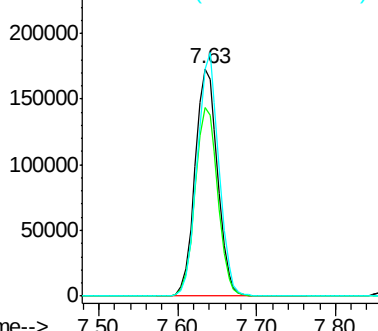
174 103.1 83.0 124.4

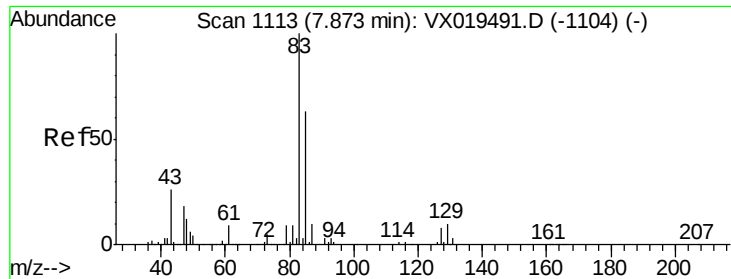


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 162.173 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

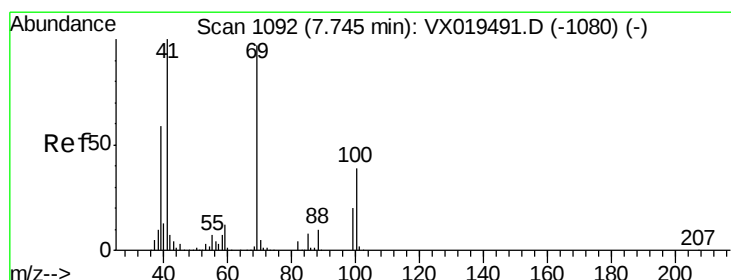
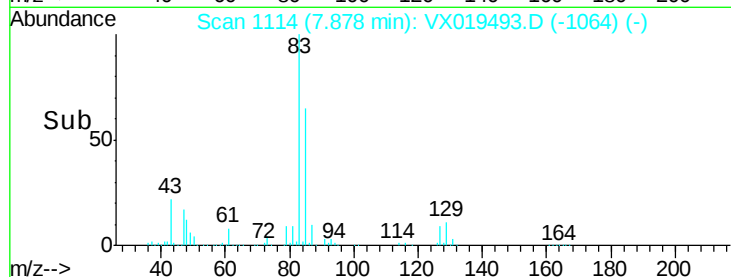
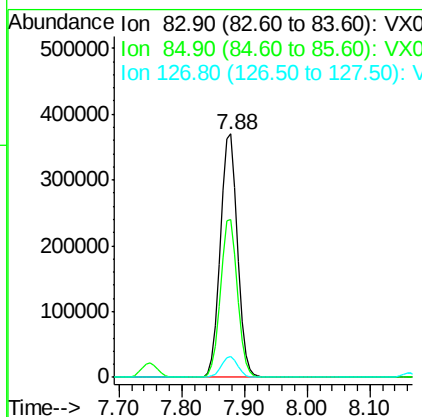
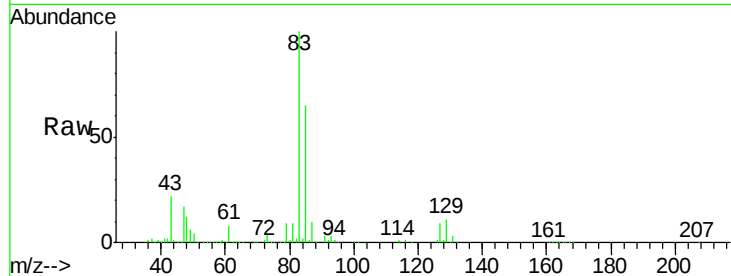
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	698058
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.2	75.2
127	8.7	6.4	9.6

Manual Integrations
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11/23/2020 3:50:40 PM



#48

Methyl methacrylate

Concen: 160.850 ug/l

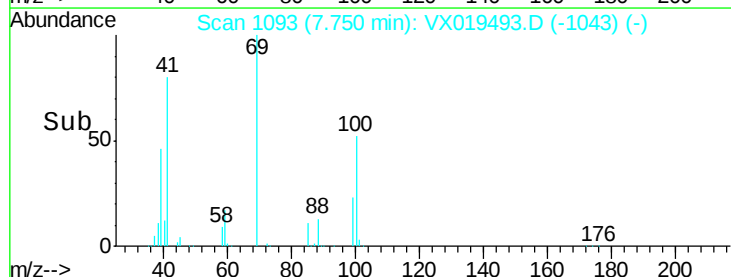
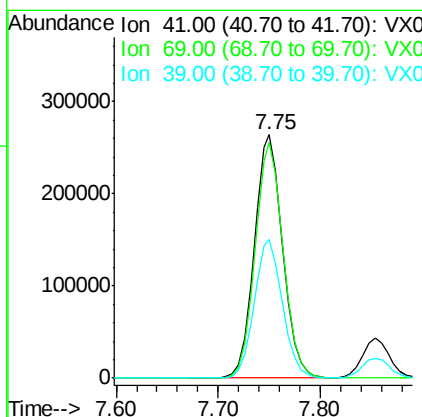
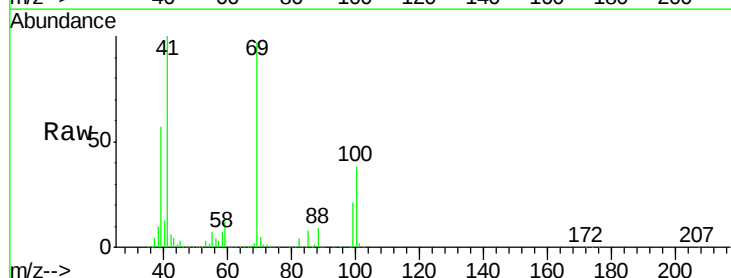
RT: 7.75 min Scan# 1093

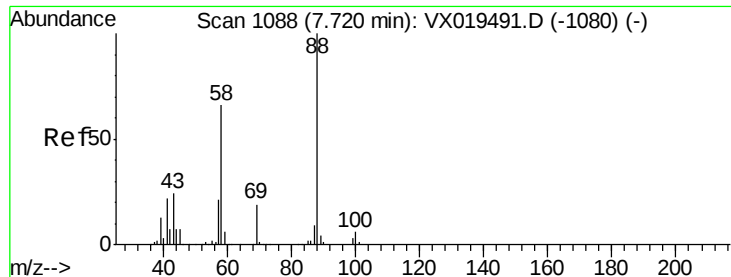
Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	41	Resp:	509384
Ion Ratio	Lower	Upper	
41	100		
69	96.1	77.0	115.6
39	56.6	45.6	68.4





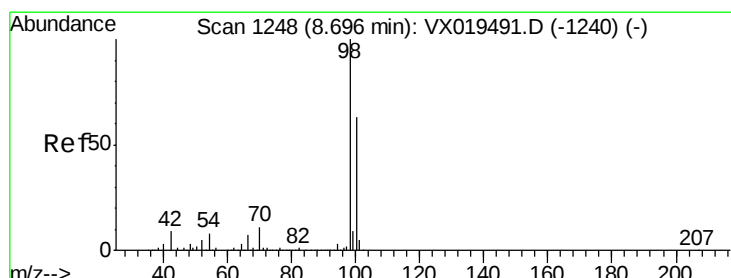
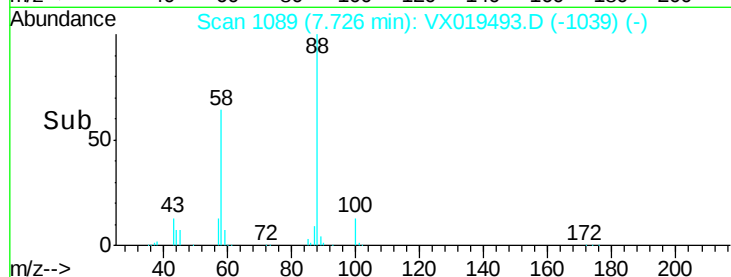
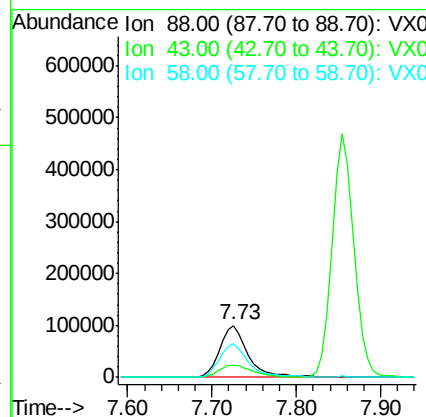
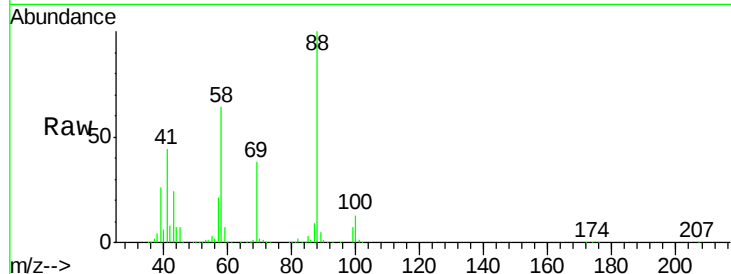
#49
1,4-Dioxane
Concen: 3214.353 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.1	23.8	35.6
58	66.5	54.2	81.2

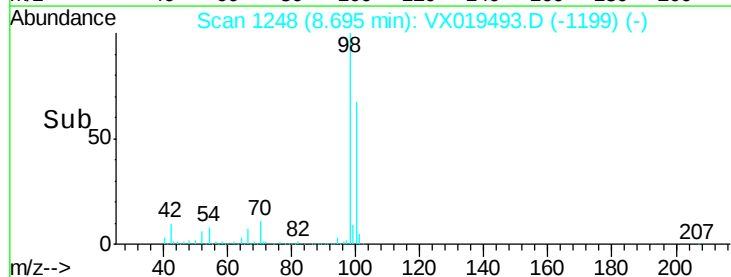
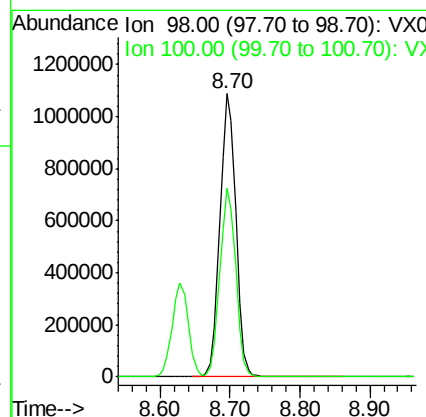
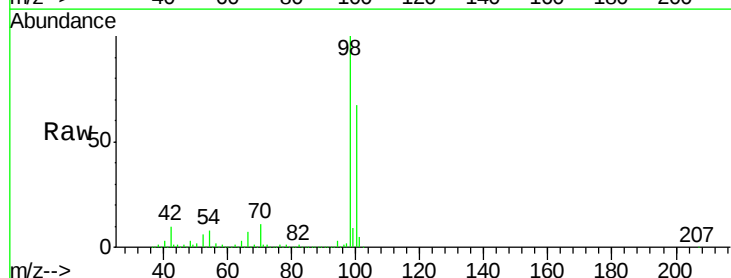
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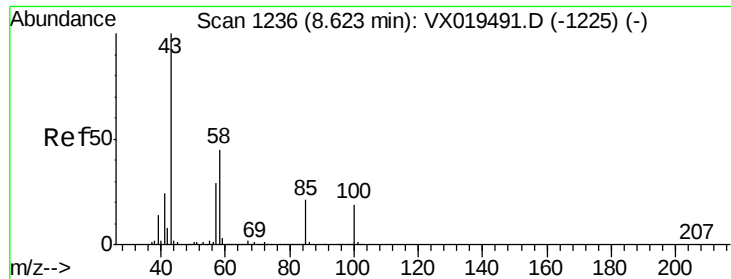
MMDadoda
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#50
Toluene-d8
Concen: 154.202 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 774.756 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3054962

Ion Ratio Lower Upper

43 100

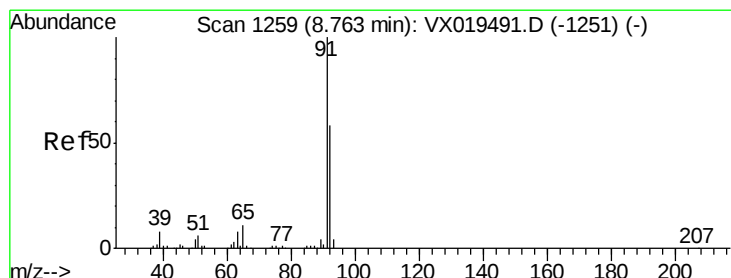
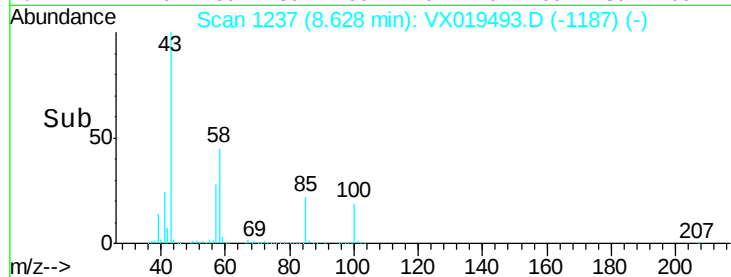
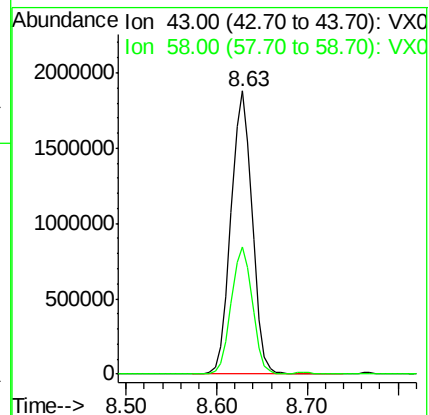
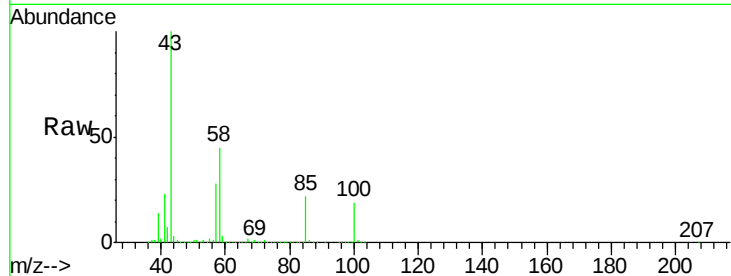
58 44.8 35.1 52.7

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#52

Toluene

Concen: 154.154 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019493.D

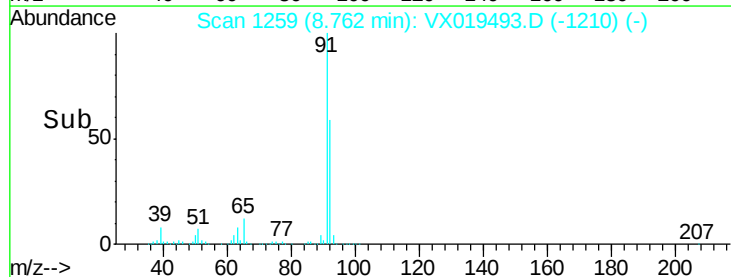
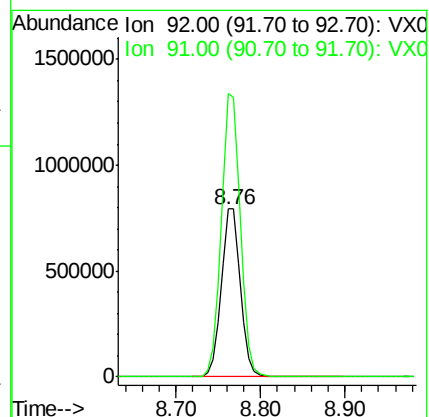
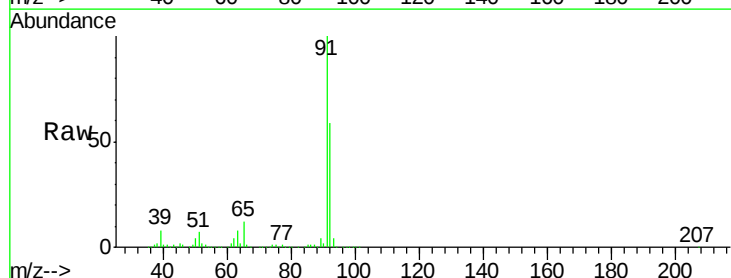
Acq: 20 Nov 2020 11:40

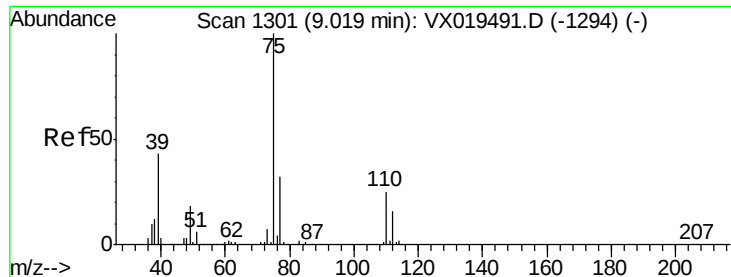
Tgt Ion: 92 Resp: 1241531

Ion Ratio Lower Upper

92 100

91 169.2 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 167.463 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 778489

Ion Ratio Lower Upper

75 100

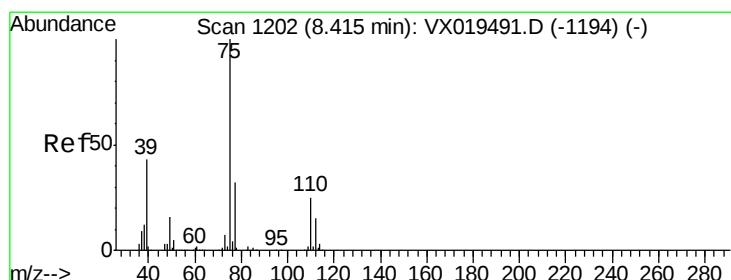
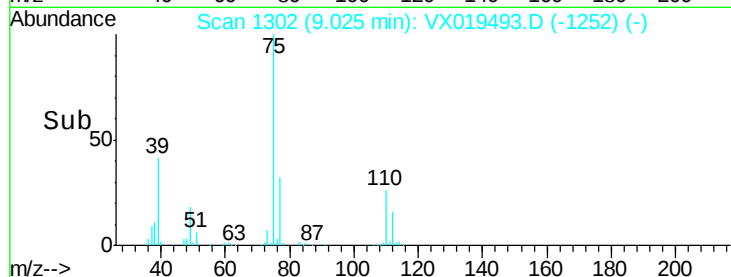
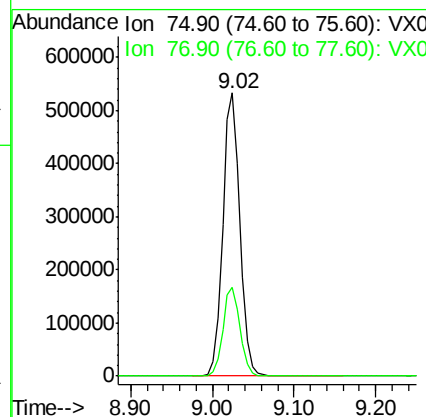
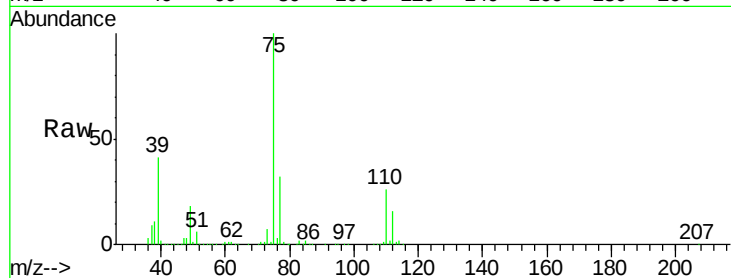
77 31.6 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 163.978 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

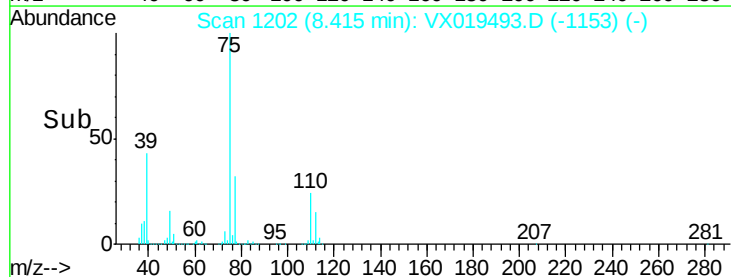
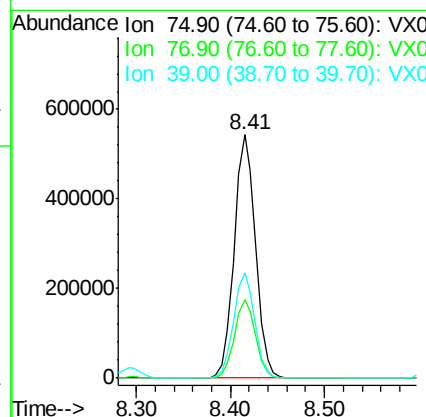
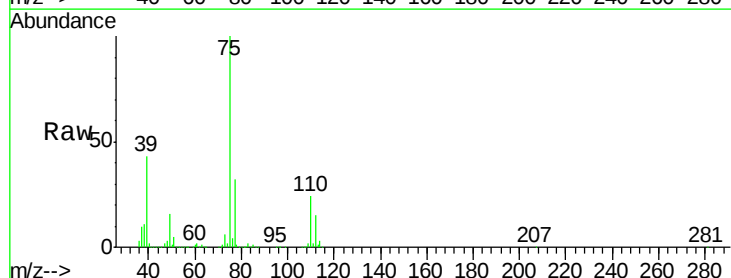
Tgt Ion: 75 Resp: 845951

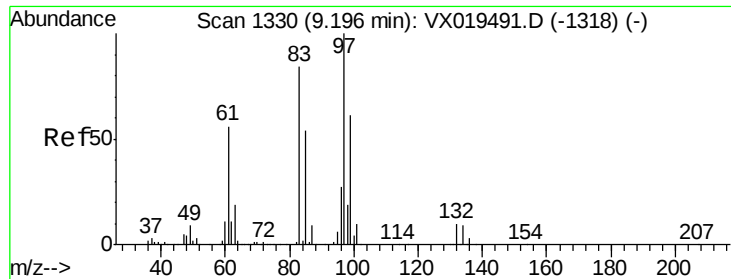
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 43.3 34.6 51.8





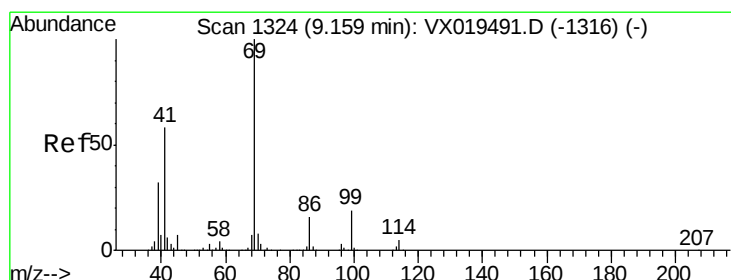
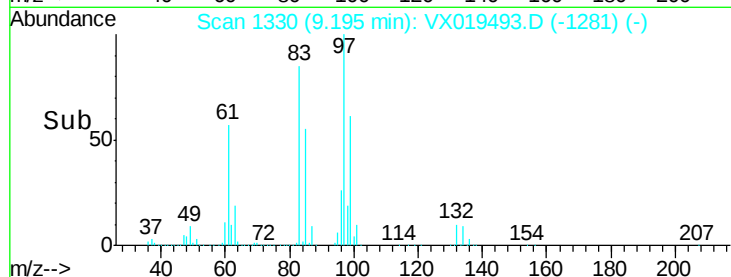
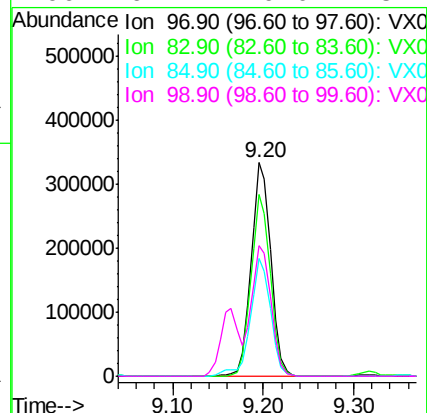
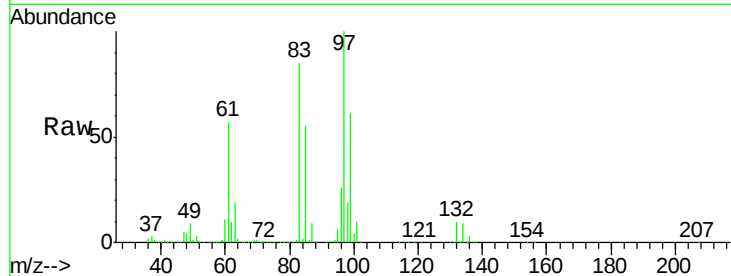
#55
 1,1,2-Trichloroethane
 Concen: 151.617 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		497307		
83	85.0	67.0	100.6		
85	54.9	43.4	65.0		
99	61.1	49.0	73.4		

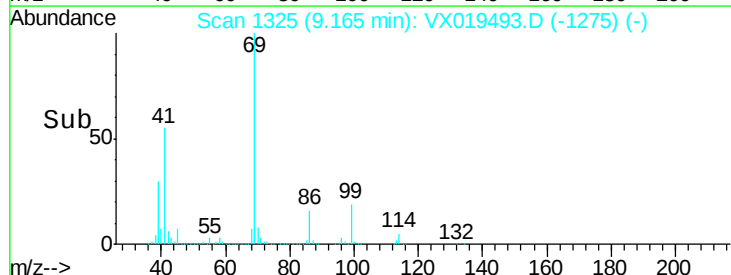
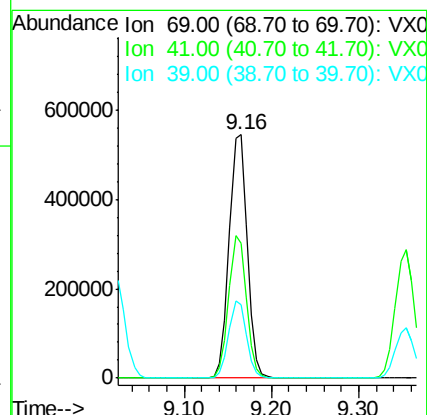
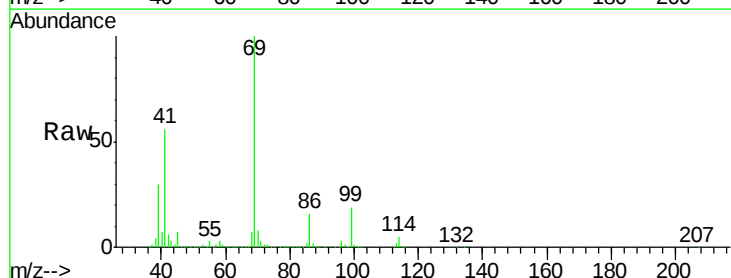
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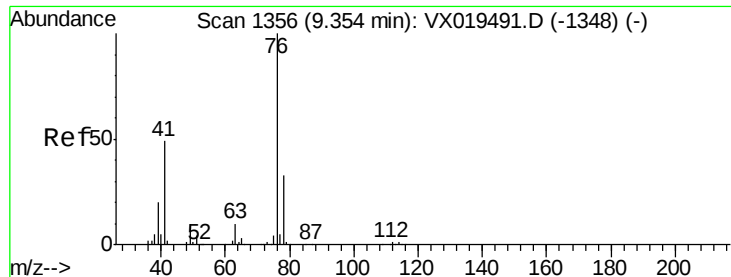
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#56
 Ethyl methacrylate
 Concen: 168.330 ug/l
 RT: 9.16 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		781263		
41	57.2	46.2	69.2		
39	31.2	25.5	38.3		





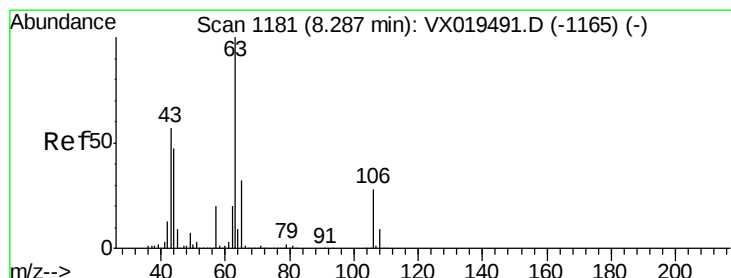
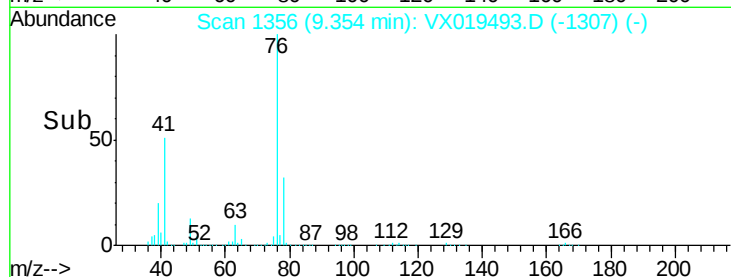
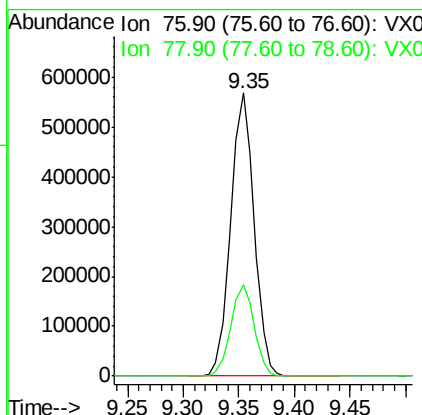
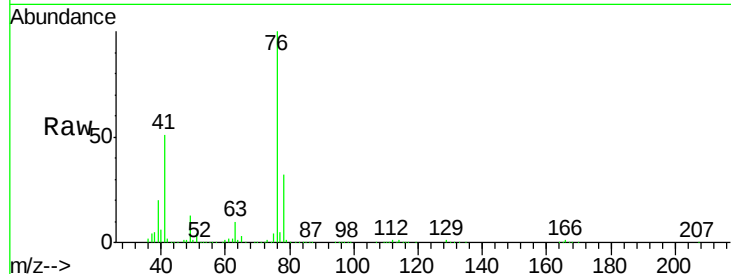
#57
 1,3-Dichloropropane
 Concen: 150.298 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

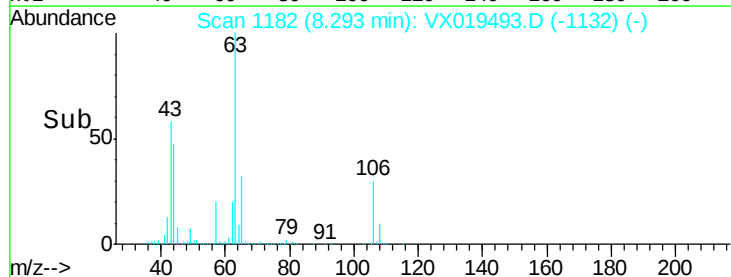
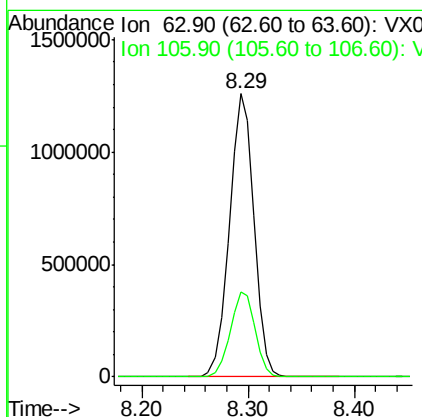
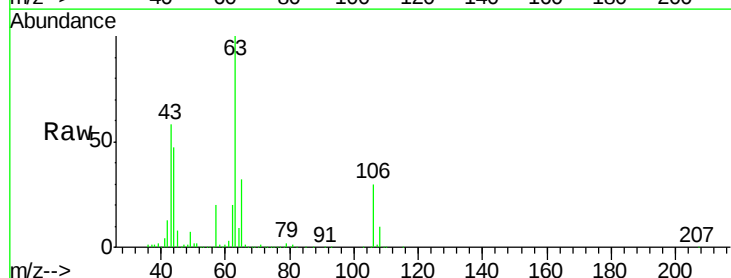
Manual Integrations
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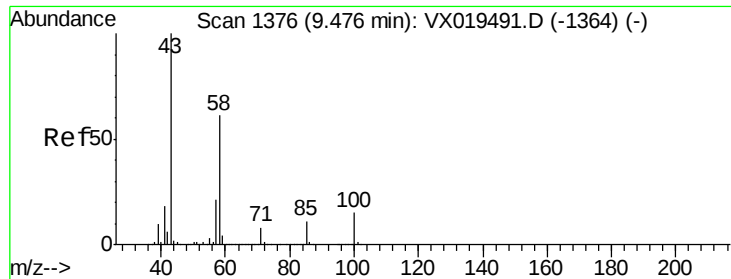
MMDadoda
 11/23/2020 3:50:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 745.836 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	23.7	35.5





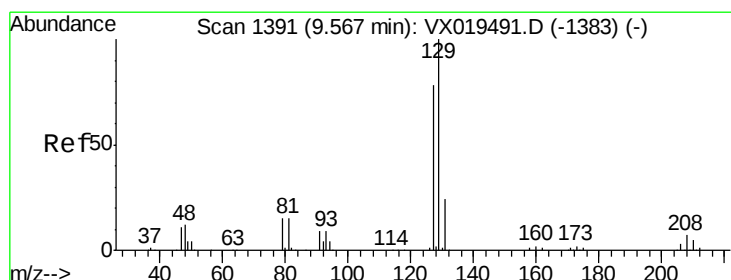
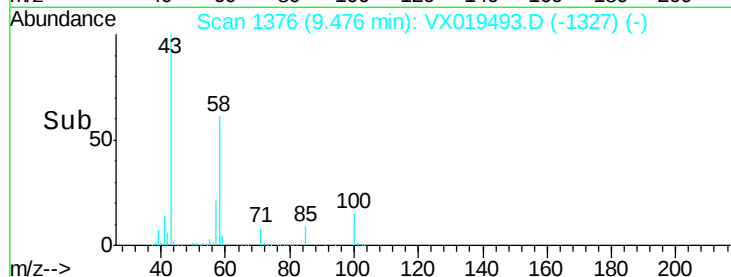
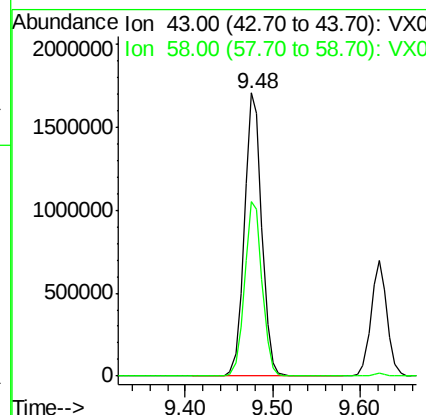
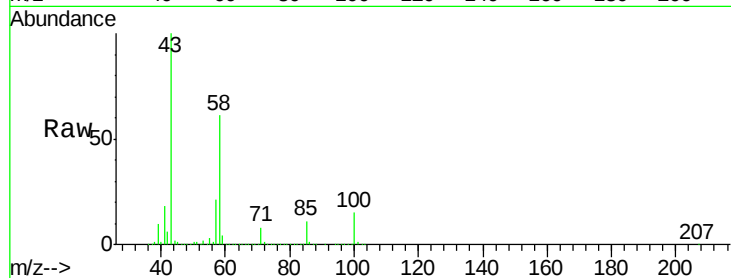
#59
2-Hexanone
Concen: 787.770 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2355868
Ion Ratio Lower Upper
43 100
58 62.2 30.6 91.6

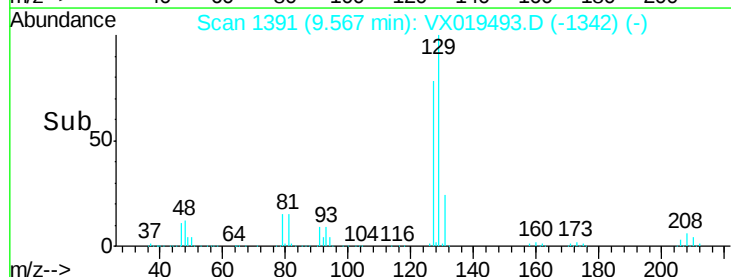
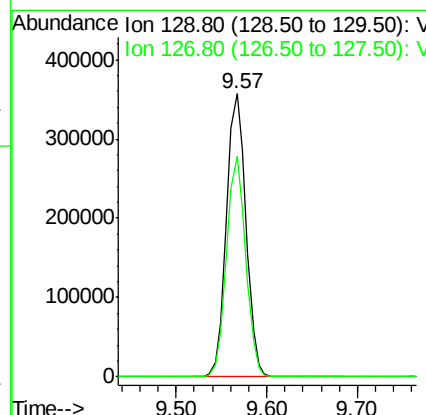
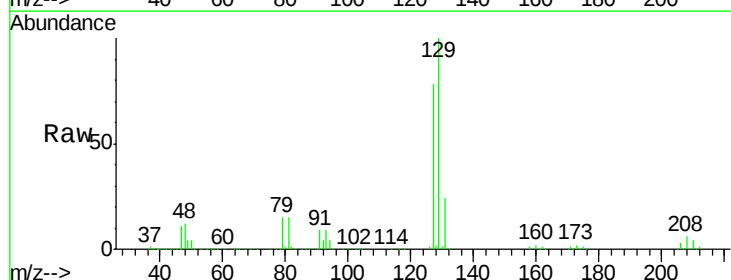
Manual Integrations
APPROVED

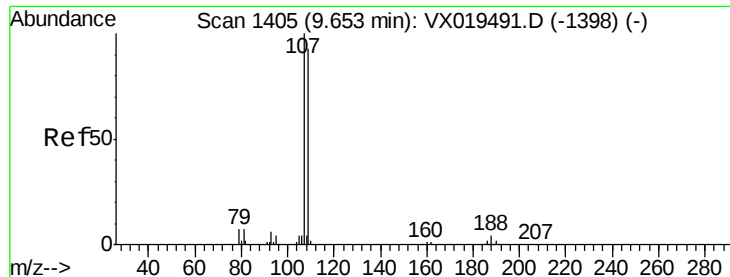
MMDadoda
11/23/2020 3:50:40 PM



#60
Dibromochloromethane
Concen: 167.373 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 129 Resp: 537732
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9





#61

1,2-Dibromoethane

Concen: 154.620 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 522769

Ion Ratio Lower Upper

107 100

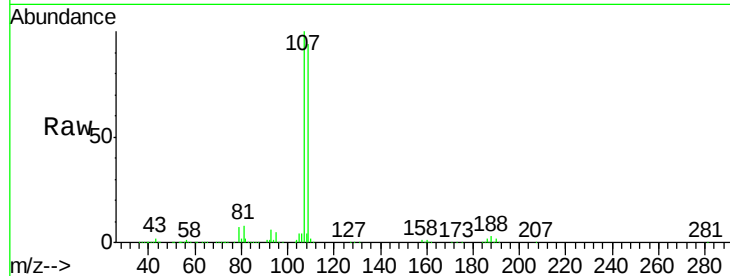
109 94.3 74.8 112.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

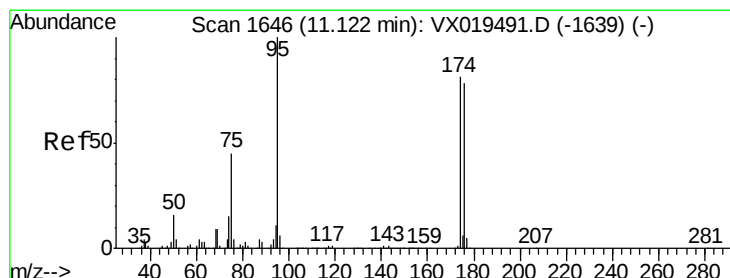
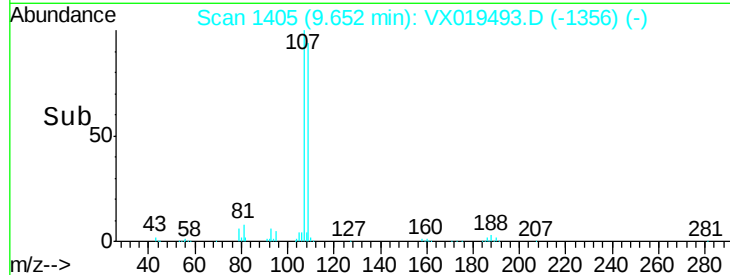
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 164.002 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

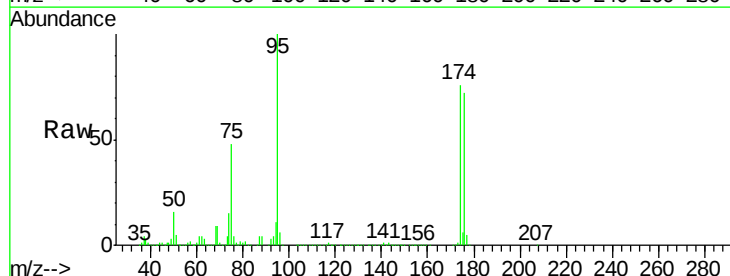
Tgt Ion: 95 Resp: 657811

Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.2

176 74.3 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

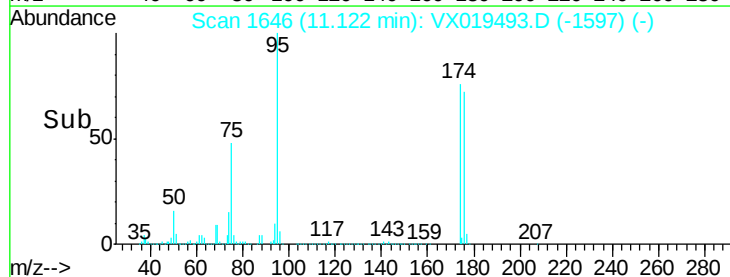
600000

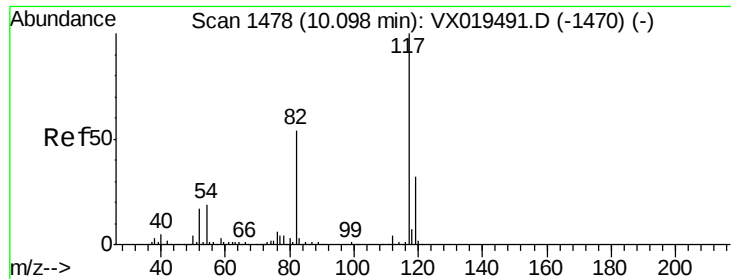
400000

200000

0

Time-->





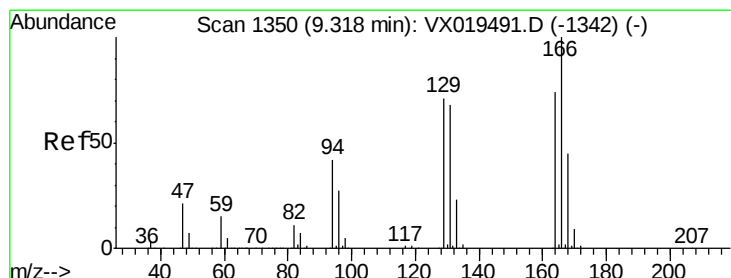
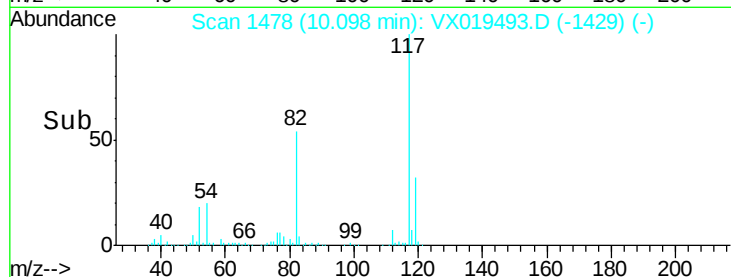
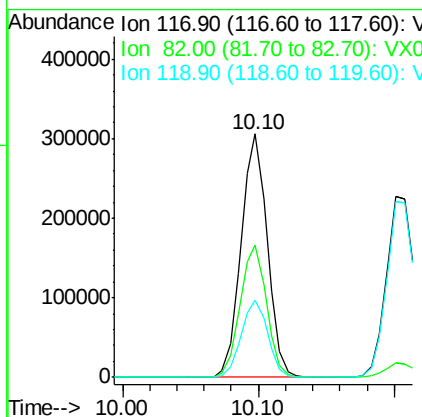
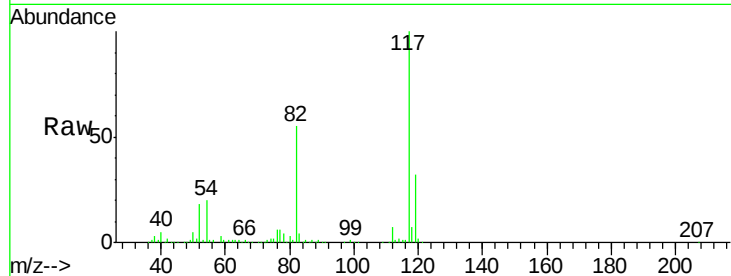
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	409807		
82	54.5		43.0	64.4
119	31.9		25.6	38.4

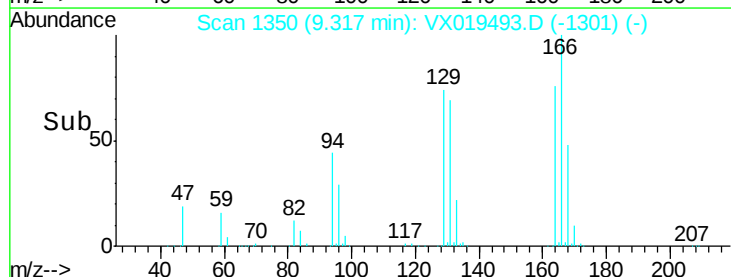
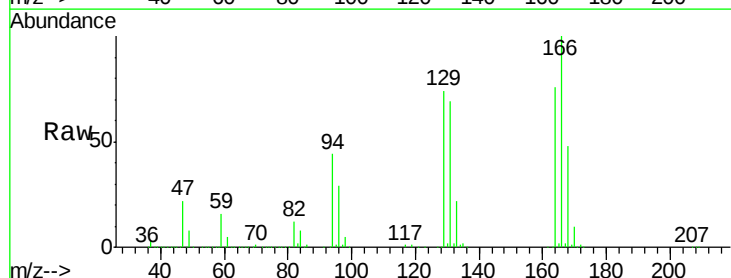
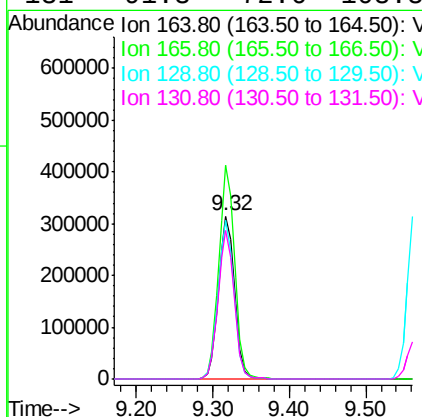
Manual Integrations
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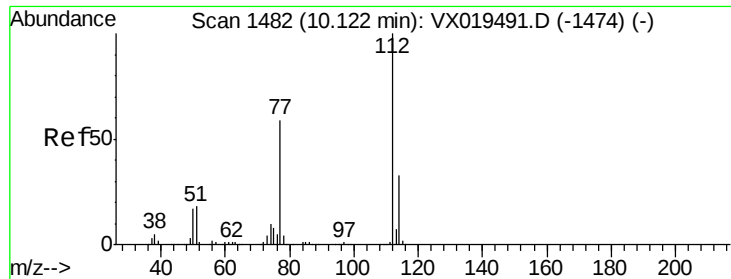
MMDadoda
11/23/2020 3:50:40 PM



#64
Tetrachloroethene
Concen: 141.617 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	456191		
166	131.4		107.4	161.0
129	97.5		76.6	114.8
131	91.3		72.6	108.8





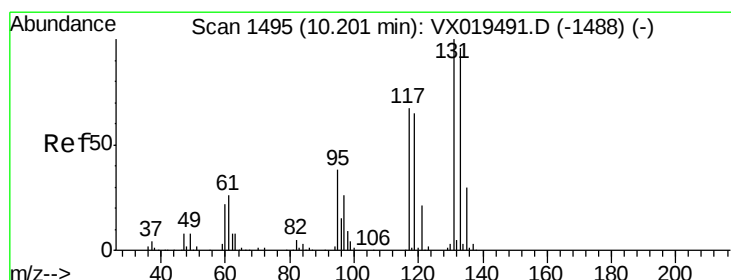
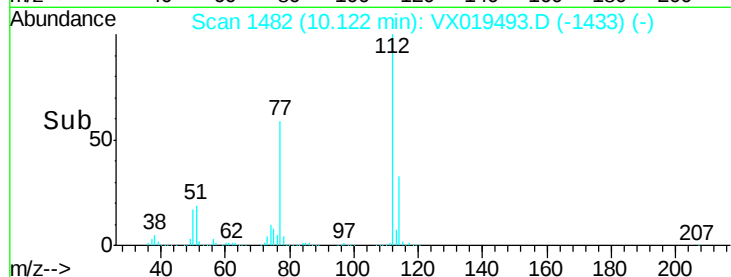
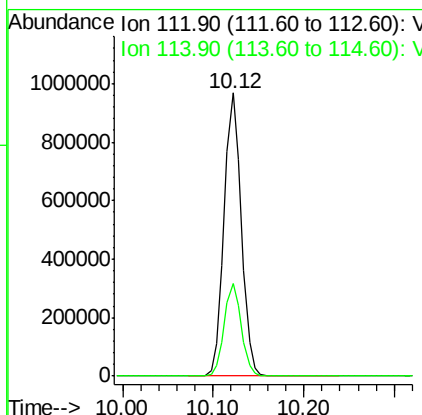
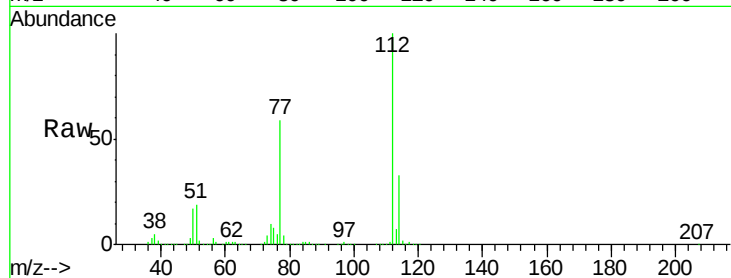
#65
Chlorobenzene
Concen: 152.287 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1283126
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

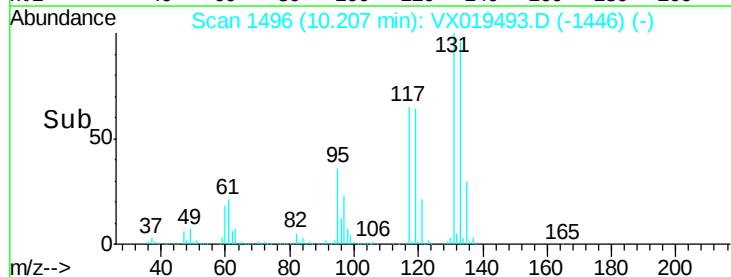
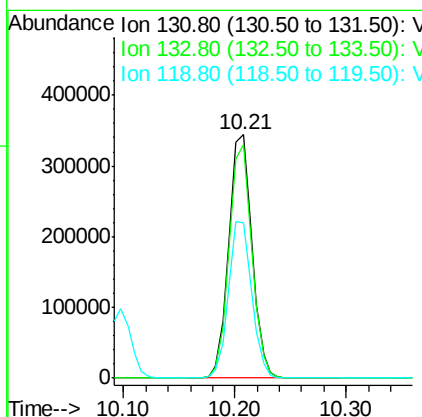
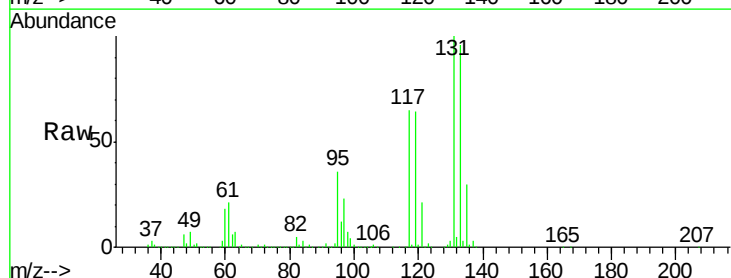
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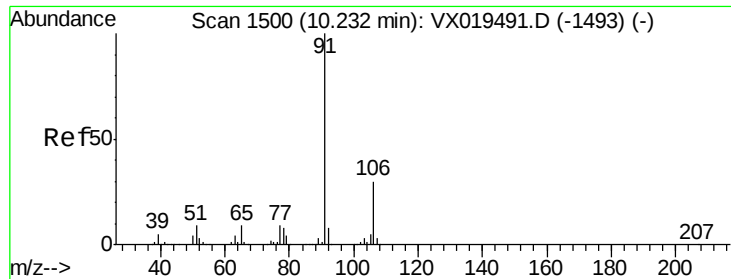
MMDadoda
11/23/2020 3:50:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 162.223 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion:131 Resp: 497174
Ion Ratio Lower Upper
131 100
133 94.3 48.5 145.5
119 64.5 33.0 99.0





#67

Ethyl Benzene

Concen: 158.125 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2334011

Ion Ratio Lower Upper

91 100

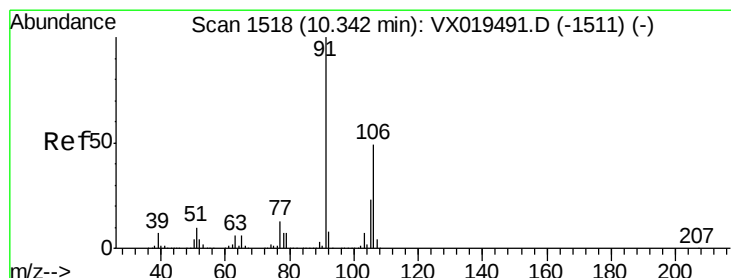
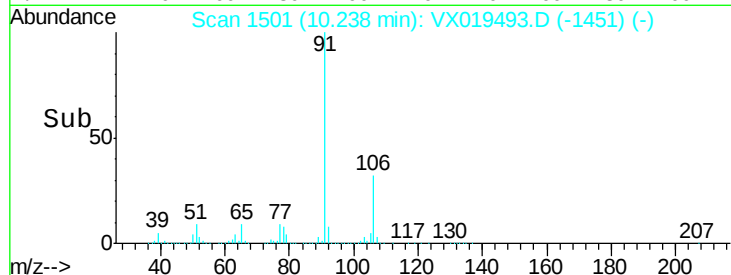
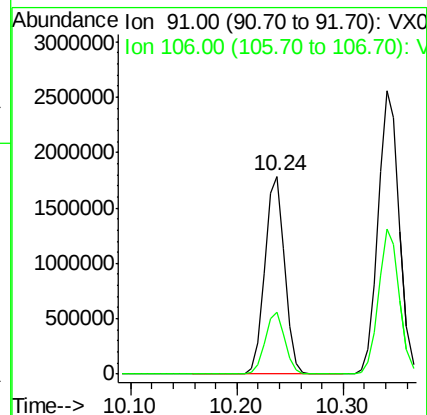
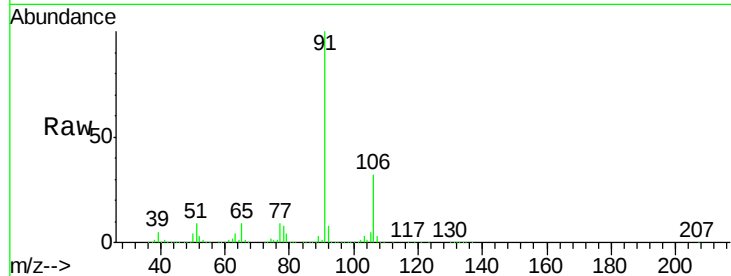
106 31.6 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 321.442 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019493.D

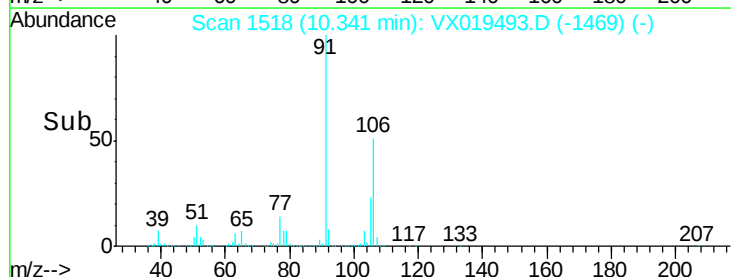
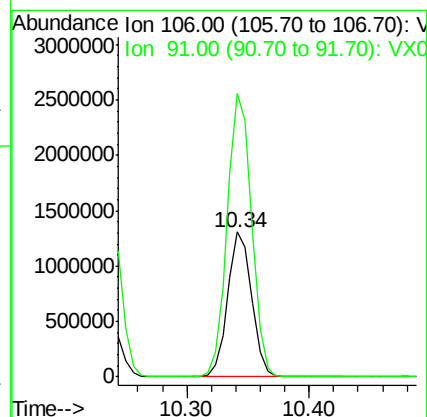
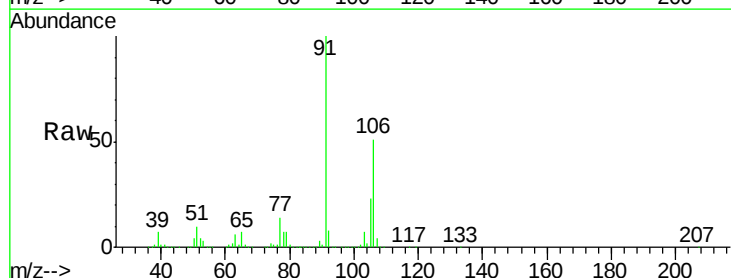
Acq: 20 Nov 2020 11:40

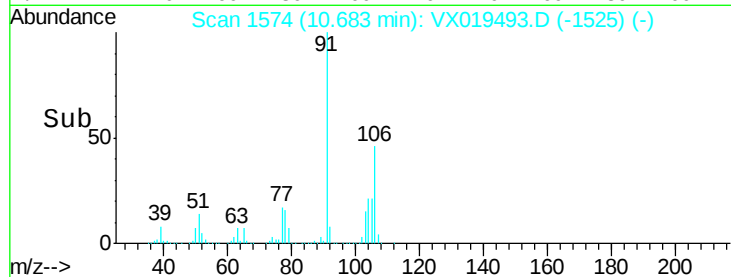
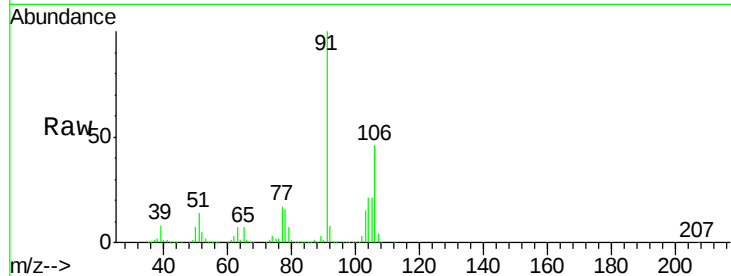
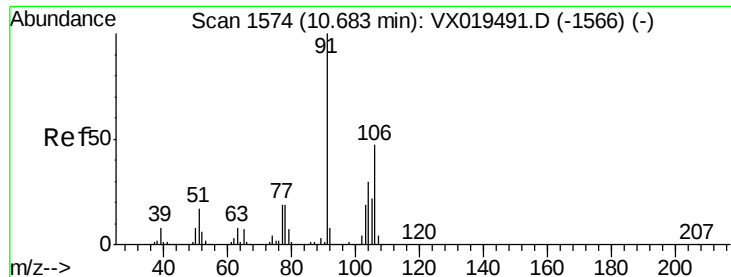
Tgt Ion: 106 Resp: 1767685

Ion Ratio Lower Upper

106 100

91 199.0 163.3 244.9





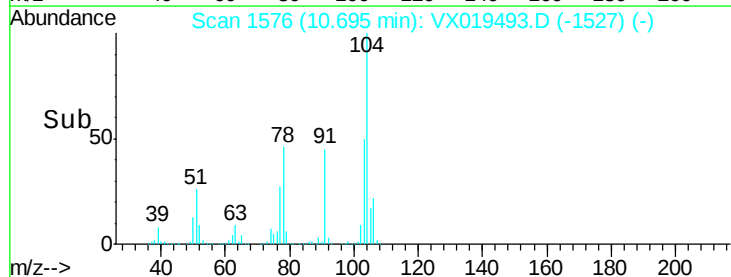
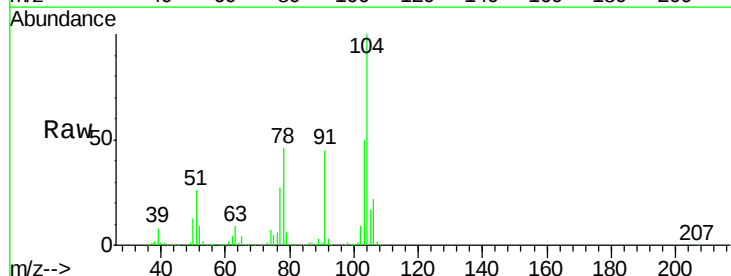
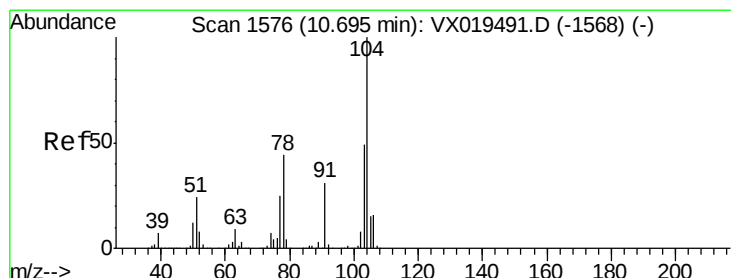
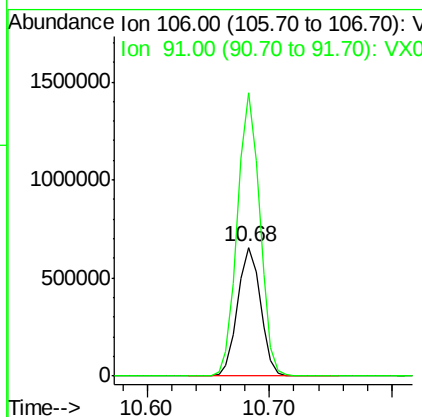
#69
o-Xylene
Concen: 161.062 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tot Ion	Ratio	Resp	Lower	Upper
106	100	846682		
91	215.0	108.0	324.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

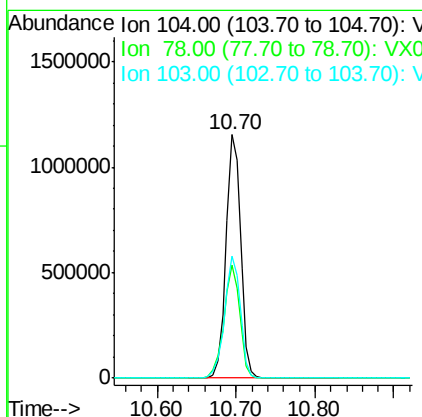
Manual Integrations
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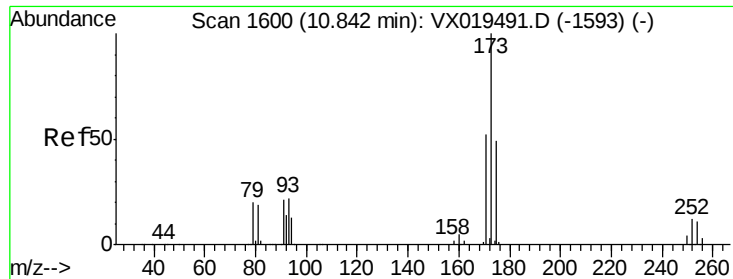
MMDadoda
11/23/2020 3:50:40 PM



#70
Styrene
Concen: 169.705 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1480881		
78	50.1	39.5	59.3	
103	53.9	43.6	65.4	





#71

Bromoform

Concen: 185.202 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

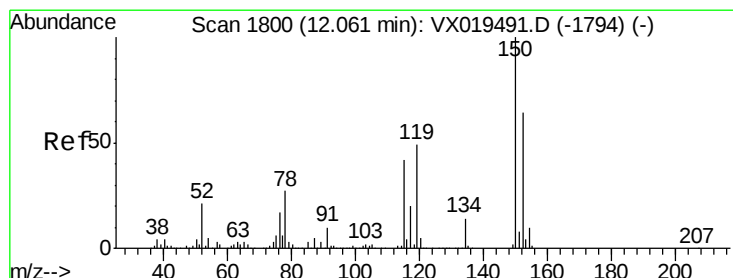
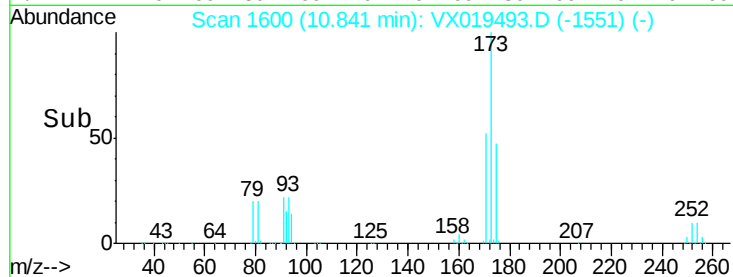
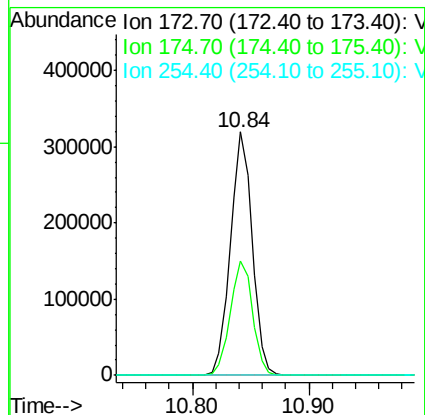
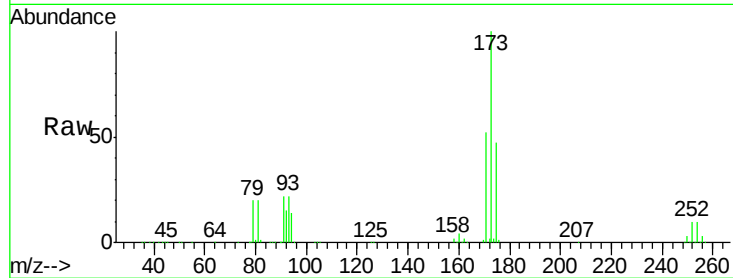
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.8
254	0.1	0.1	0.1#

Manual Integrations
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11/23/2020 3:50:40 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

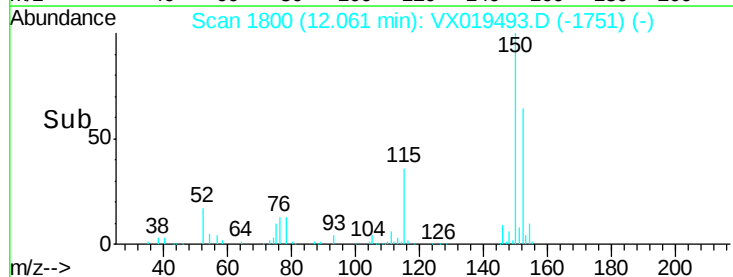
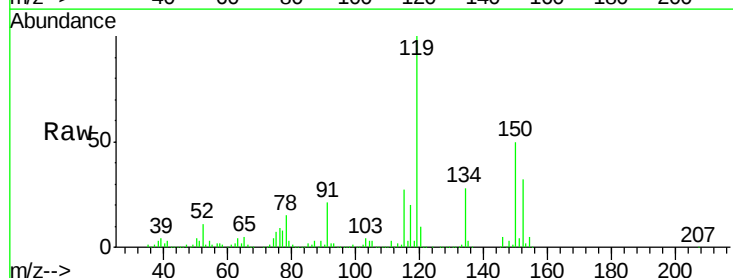
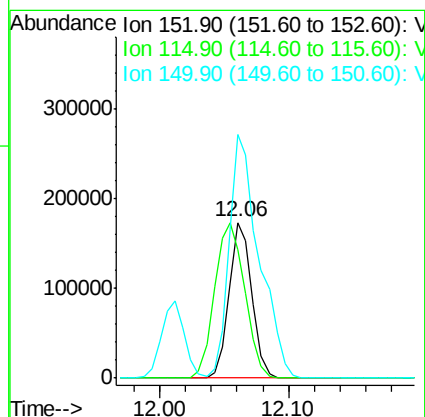
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	132.1	41.8	125.4#
150	204.8	0.0	348.2





#73

Isopropylbenzene

Concen: 152.039 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2261424

Ion Ratio Lower Upper

105 100

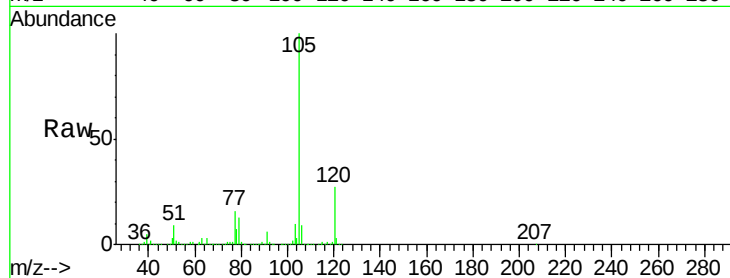
120 26.7 13.0 39.0

Manual Integrations

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11/23/2020 3:50:40 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

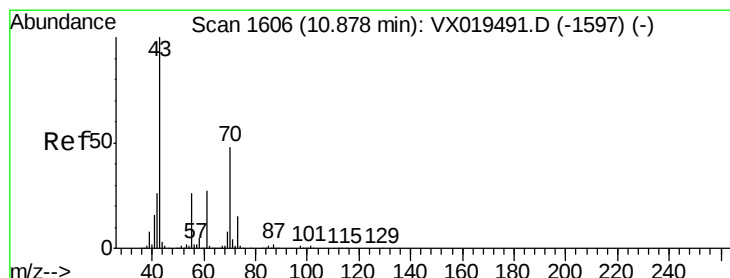
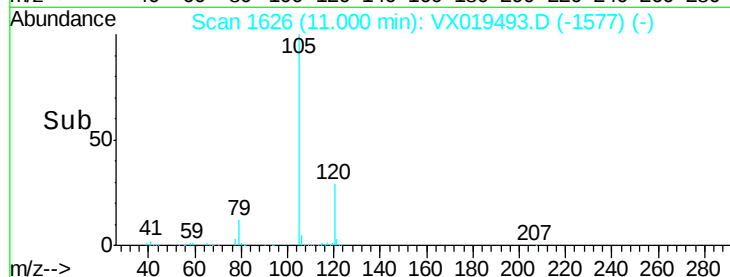
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 167.132 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion: 43 Resp: 931507

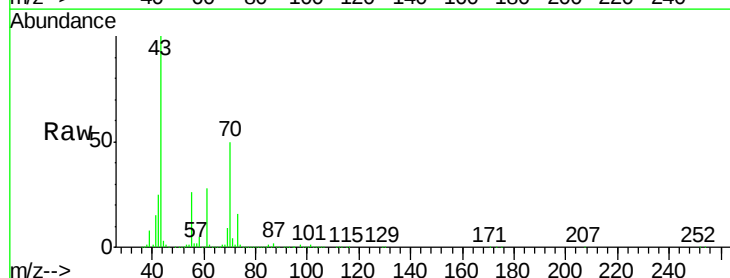
Ion Ratio Lower Upper

43 100

70 49.7 39.7 59.5

55 26.0 21.8 32.6

61 27.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1200000

1000000

800000

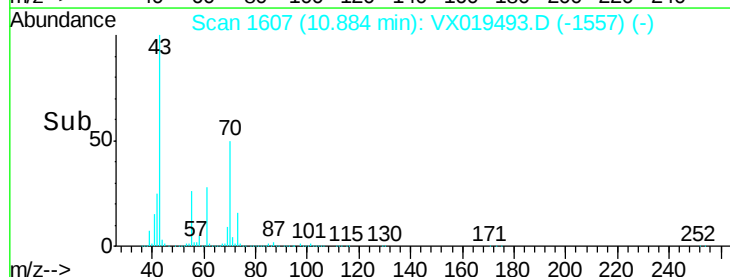
600000

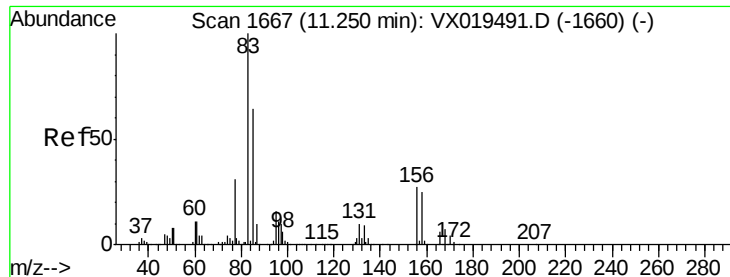
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 147.107 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

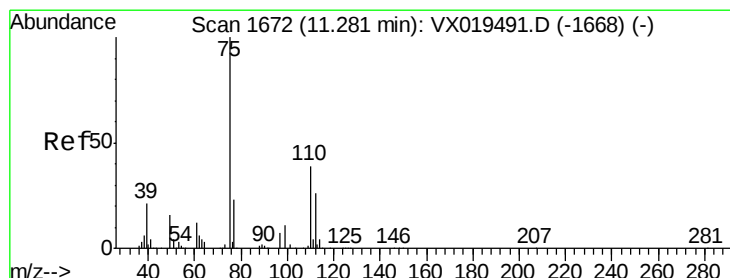
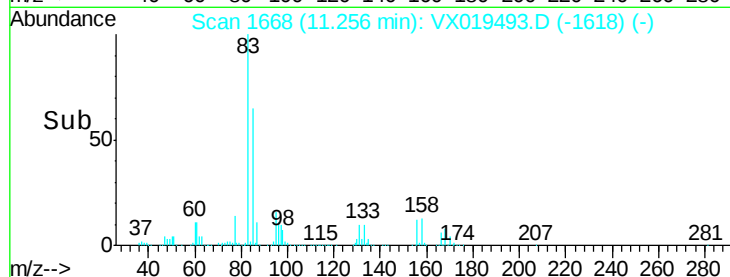
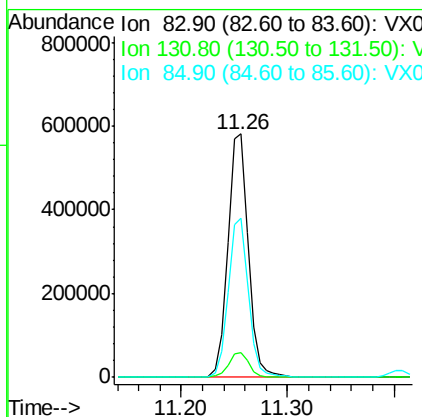
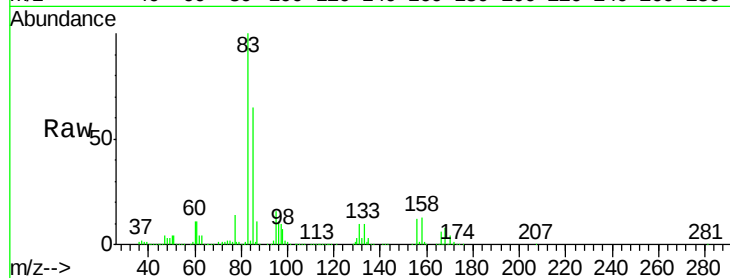
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	782469
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.9	32.4	97.2

Manual Integrations
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11/23/2020 3:50:40 PM



#76

1,2,3-Trichloropropane

Concen: 143.824 ug/l m

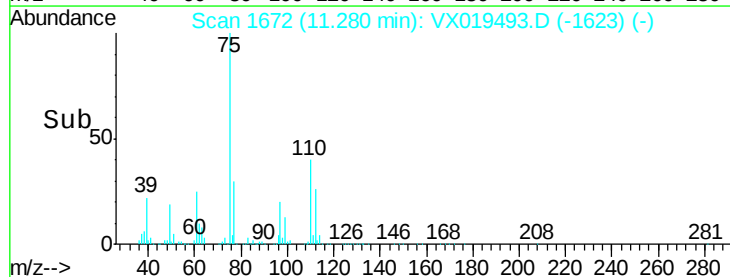
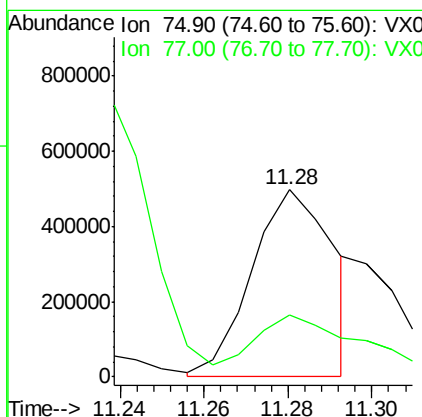
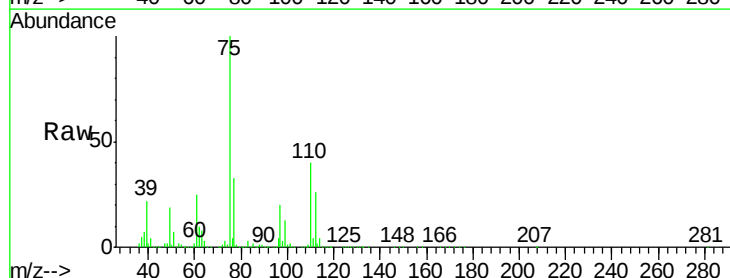
RT: 11.28 min Scan# 1672

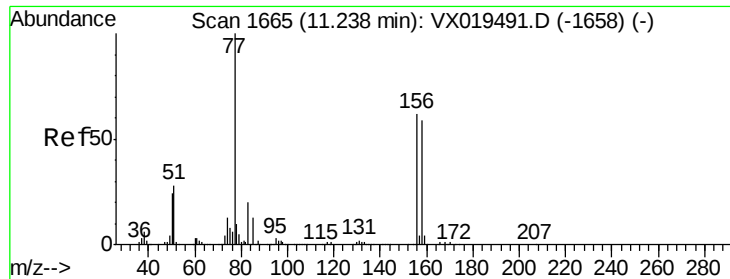
Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	75	Resp:	674857
Ion Ratio	Lower	Upper	
75	100		
77	43.5	20.0	60.0





#77

Bromobenzene

Concen: 151.321 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

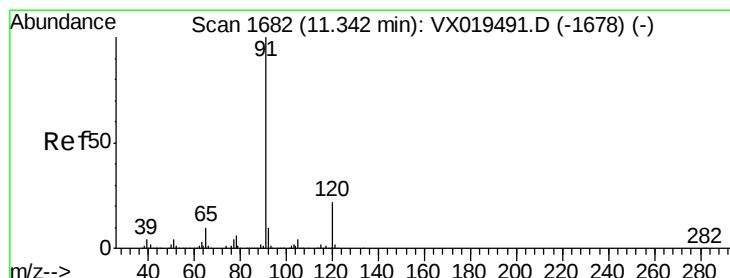
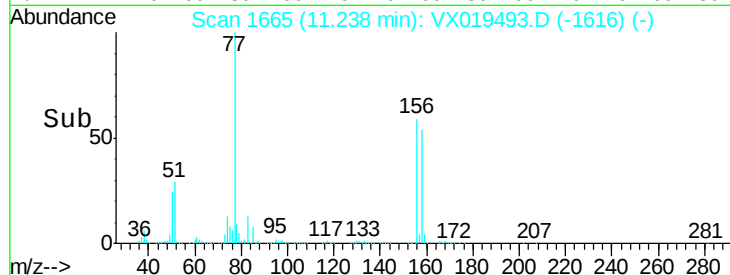
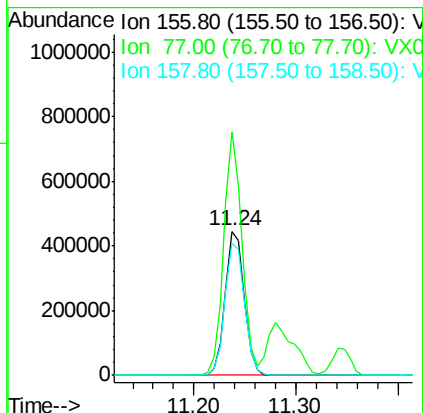
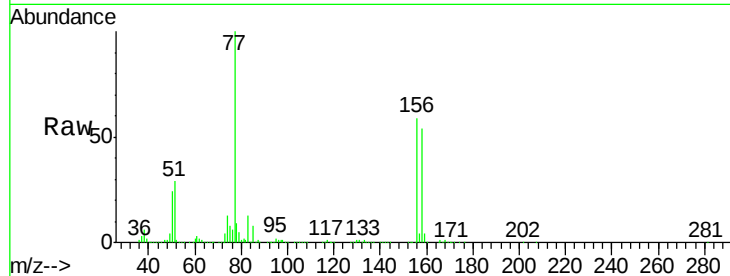
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.1	82.5	247.3
158	94.8	48.9	146.7

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#78

n-propylbenzene

Concen: 154.033 ug/l

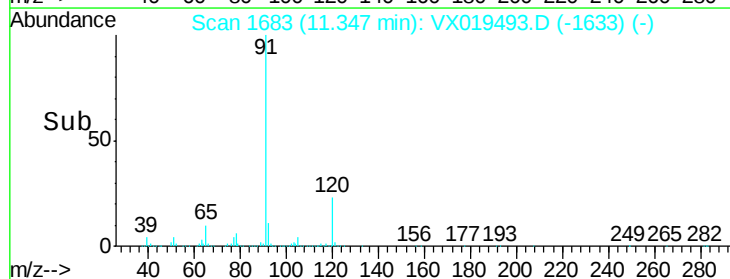
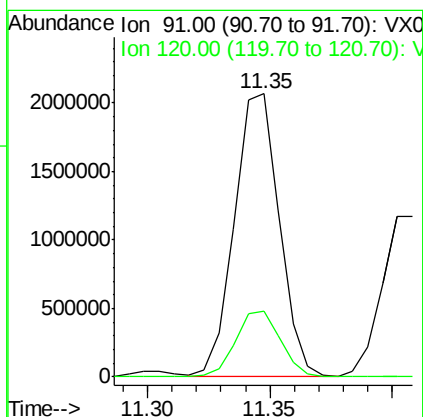
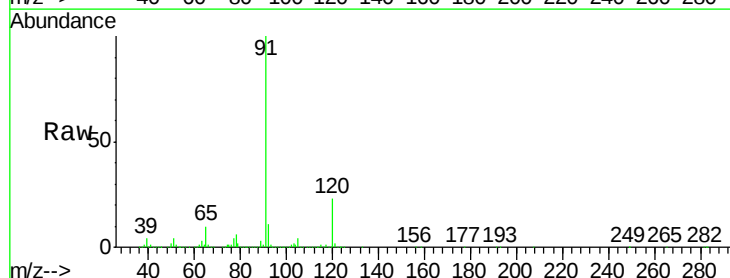
RT: 11.35 min Scan# 1683

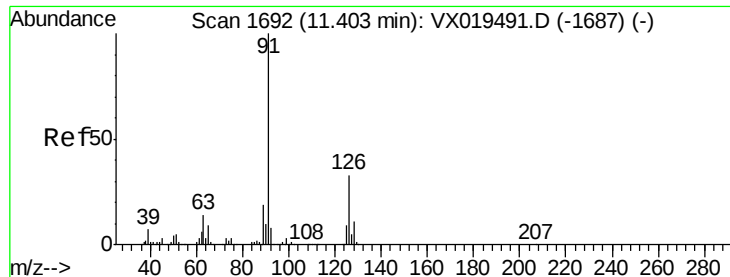
Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 150.330 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1555652

Ion Ratio Lower Upper

91 100

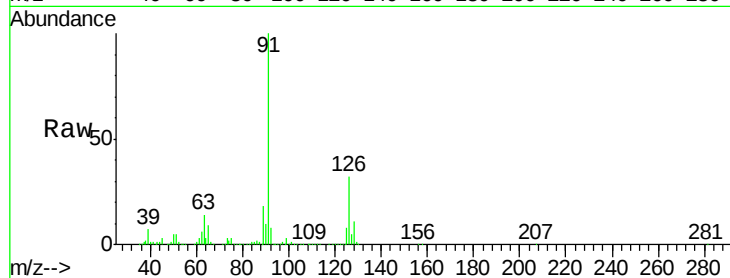
126 33.6 16.7 50.0

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Abundance Ion 91.00 (90.70 to 91.70): VX019493.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019493.D (-1687) (-)

2000000

1500000

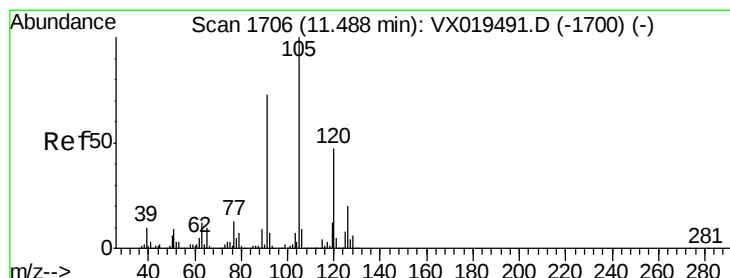
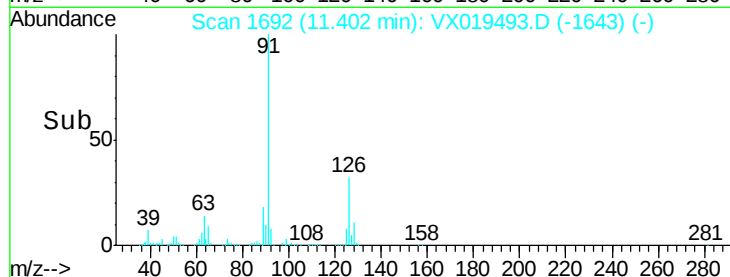
1000000

500000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 156.435 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019493.D

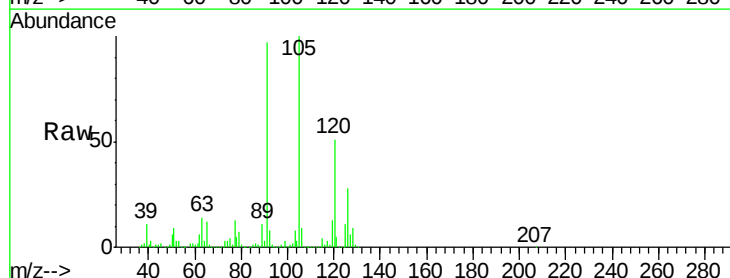
Acq: 20 Nov 2020 11:40

Tgt Ion:105 Resp: 1951899

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019493.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX019493.D (-1657) (-)

1500000

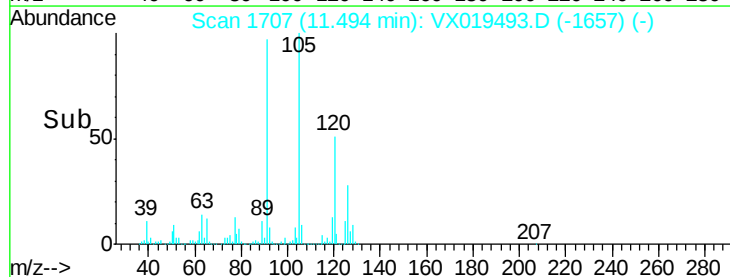
1000000

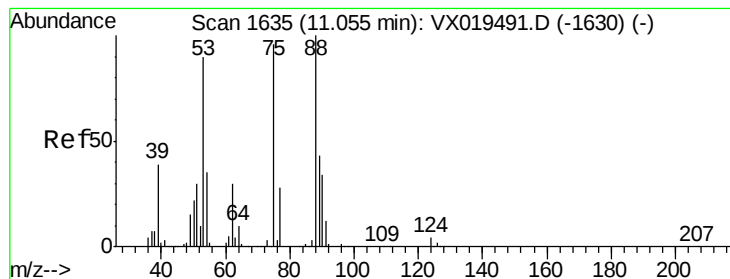
500000

0

11.40 11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 173.234 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

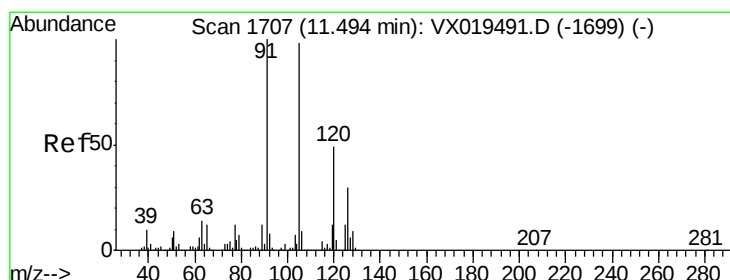
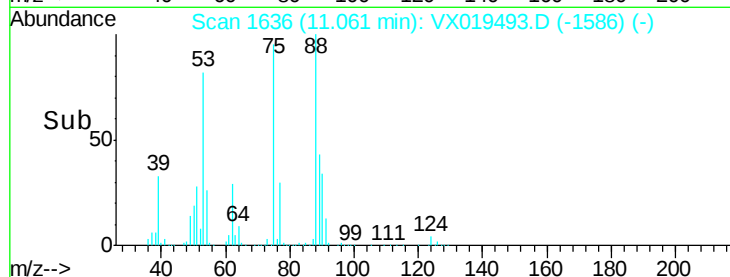
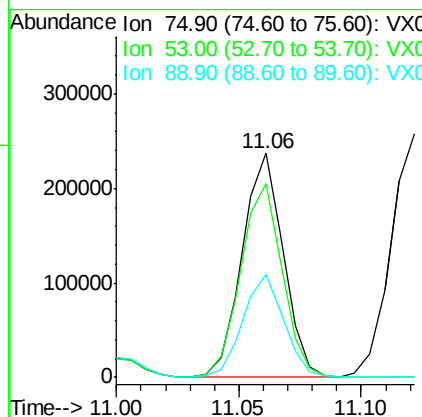
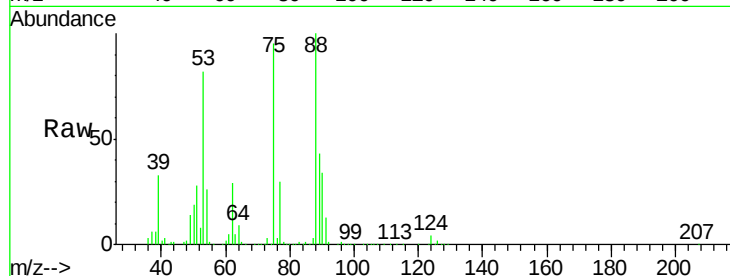
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	276334
Ion Ratio	Lower	Upper	
75	100		
53	88.1	73.9	110.9
89	46.1	37.3	55.9

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#82

4-Chlorotoluene

Concen: 154.670 ug/l

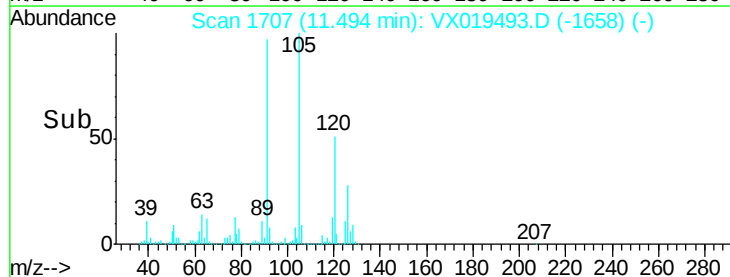
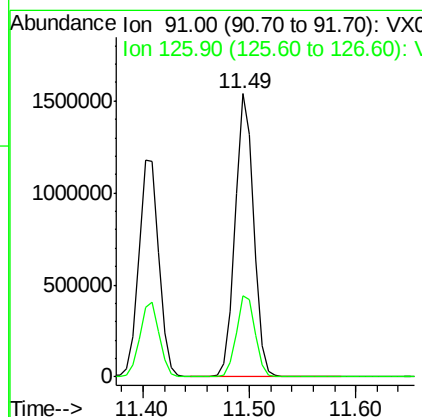
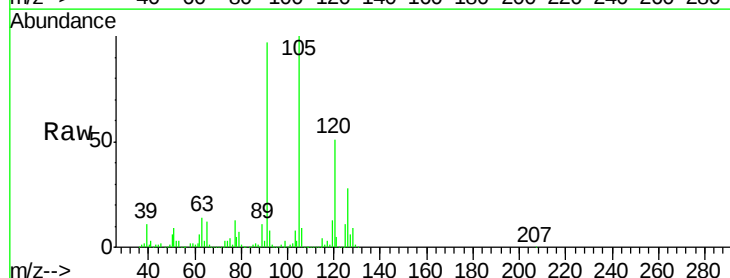
RT: 11.49 min Scan# 1707

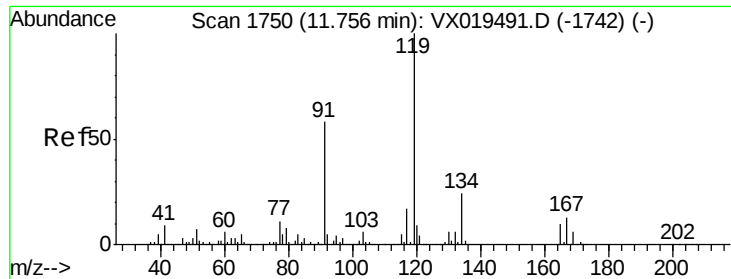
Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Tgt Ion:	91	Resp:	1884190
Ion Ratio	Lower	Upper	
91	100		
126	29.2	14.9	44.7





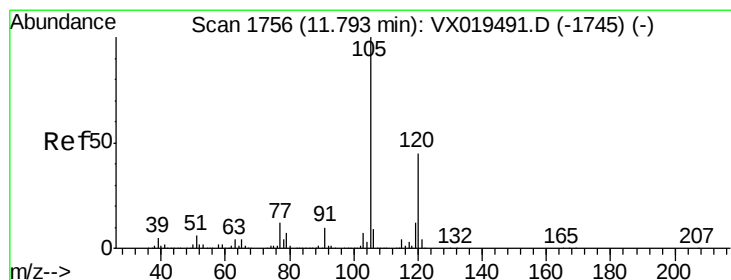
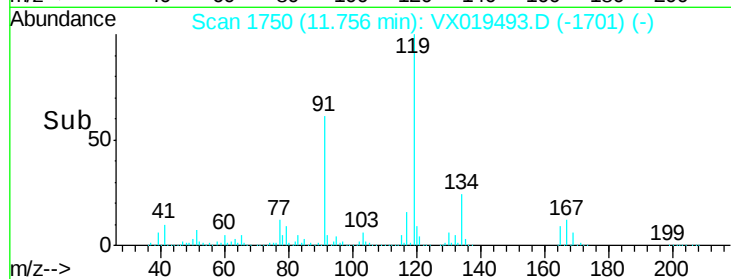
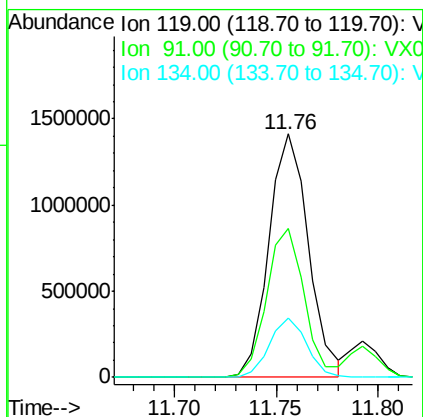
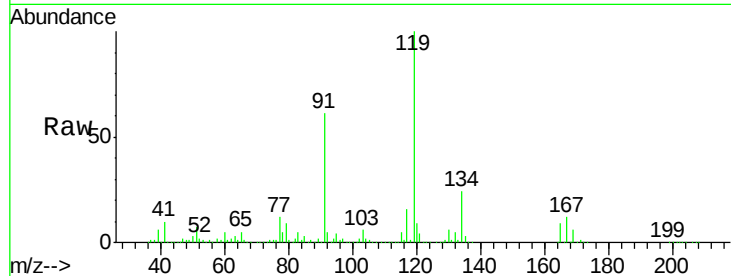
#83
 tert-Butylbenzene
 Concen: 158.321 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	28.9	86.8
134	23.1	11.7	35.0

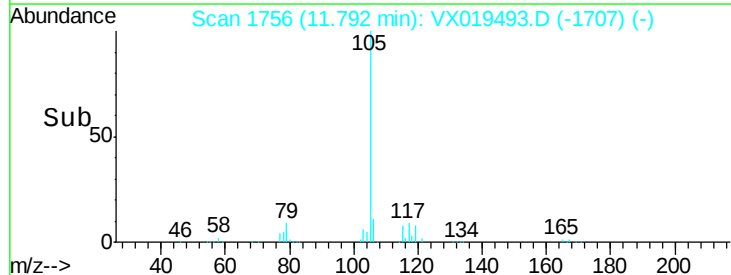
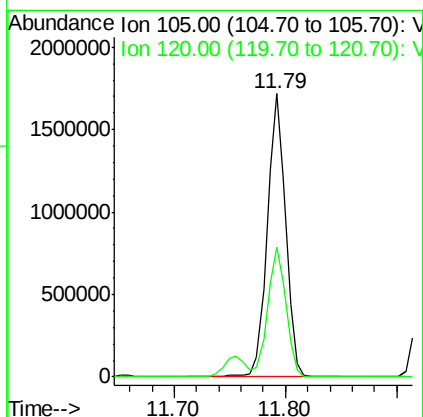
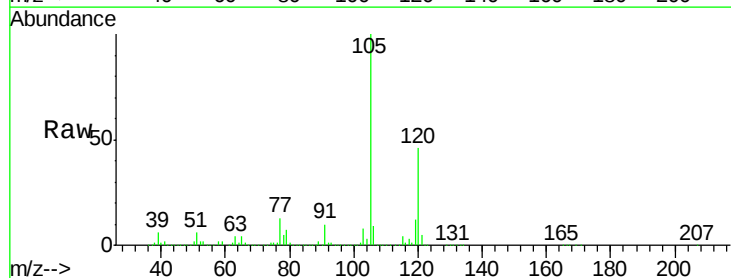
Manual Integrations
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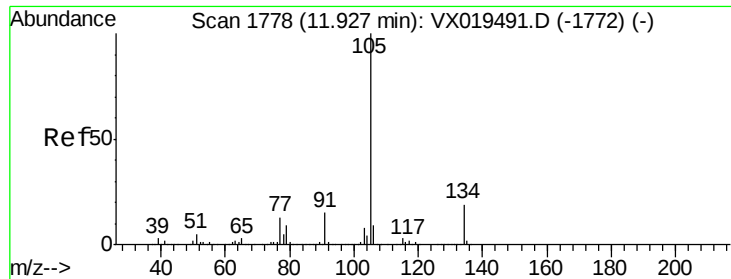
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#84
 1,2,4-Trimethylbenzene
 Concen: 157.047 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.2	66.6





#85

sec-Butylbenzene

Concen: 157.752 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2265441

Ion Ratio Lower Upper

105 100

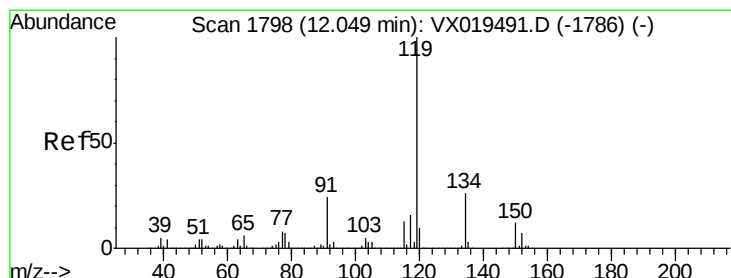
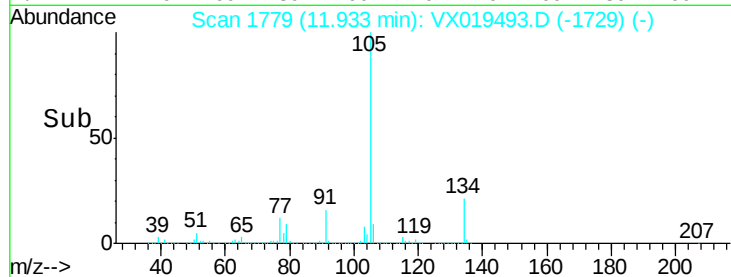
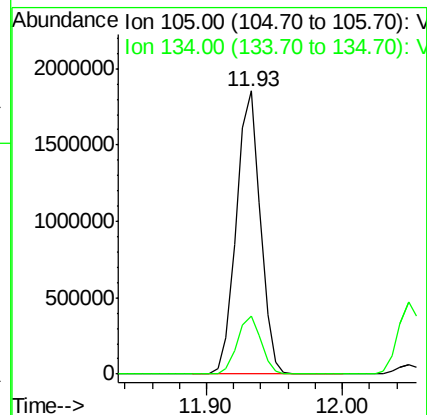
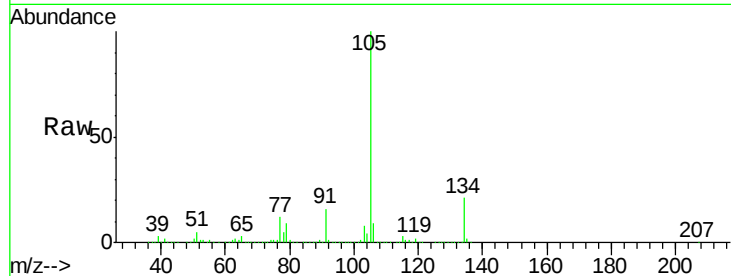
134 20.5 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 160.232 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

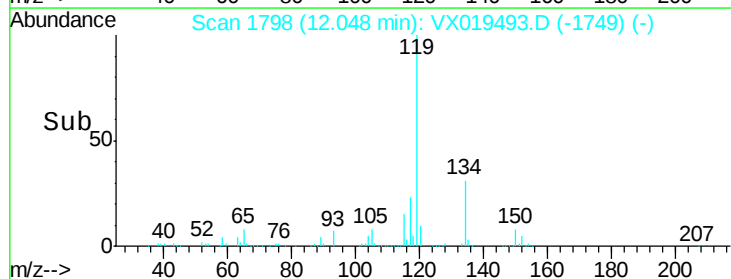
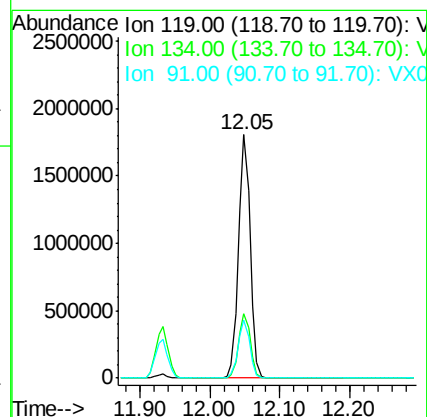
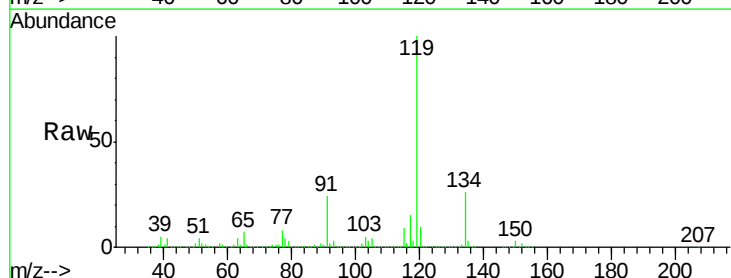
Tgt Ion:119 Resp: 2089171

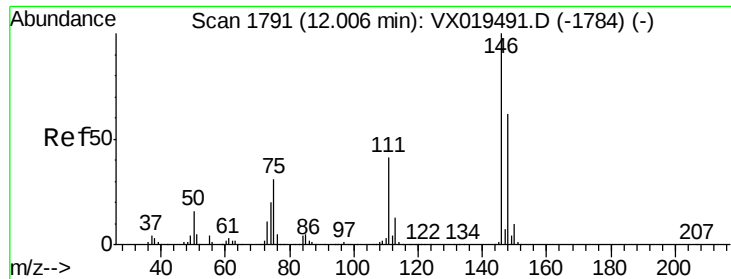
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 23.8 11.8 35.4





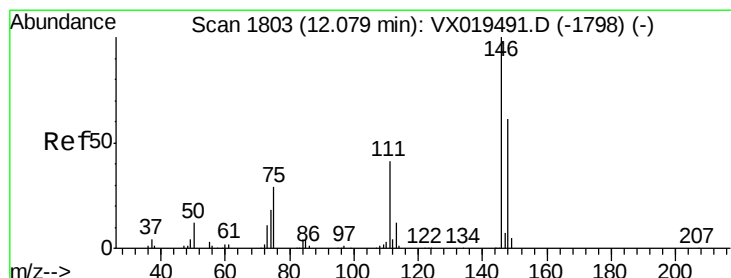
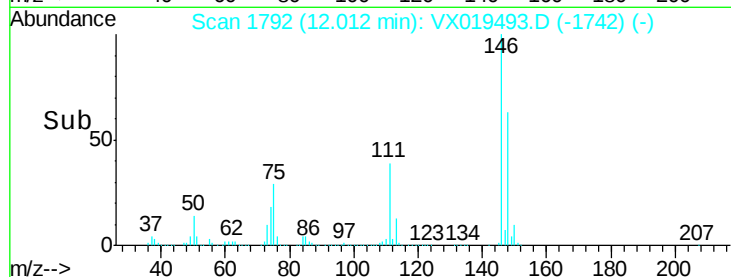
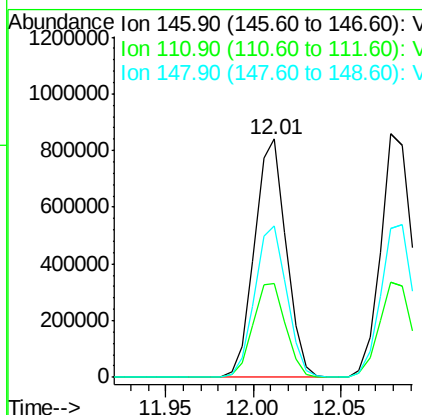
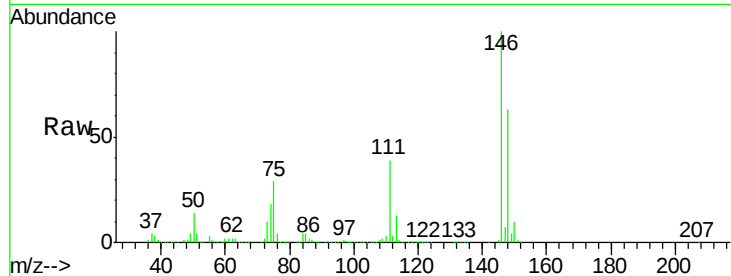
#87
 1,3-Dichlorobenzene
 Concen: 152.038 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1060203
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 64.1 31.4 94.2

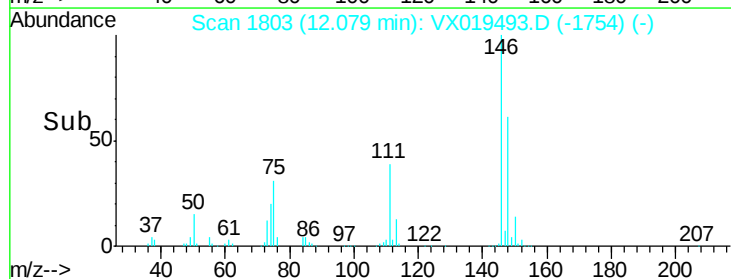
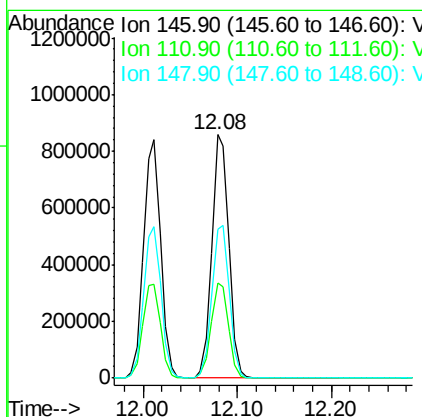
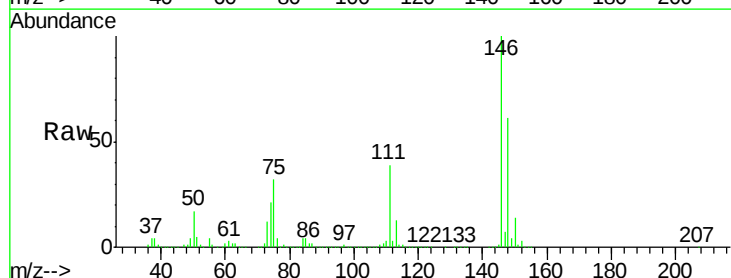
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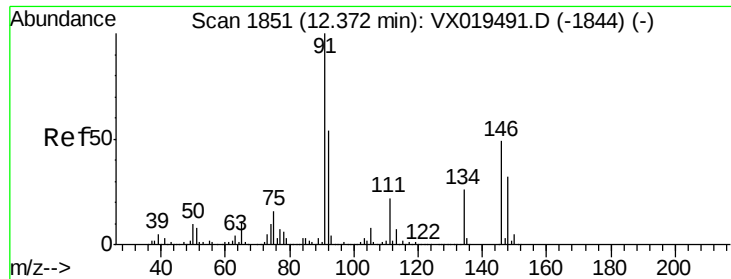
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#88
 1,4-Dichlorobenzene
 Concen: 148.717 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019493.D
 Acq: 20 Nov 2020 11:40

Tgt Ion:146 Resp: 1068218
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.6
 148 64.4 31.7 95.1





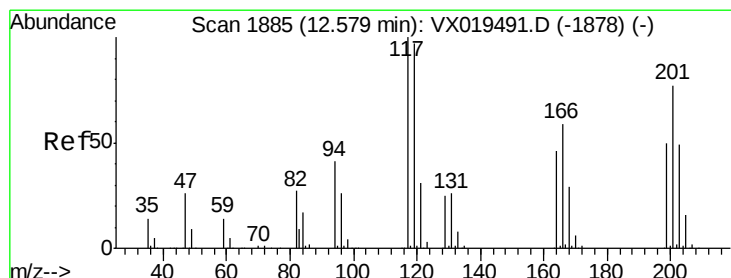
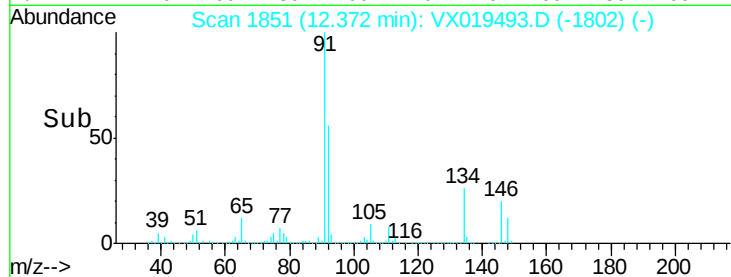
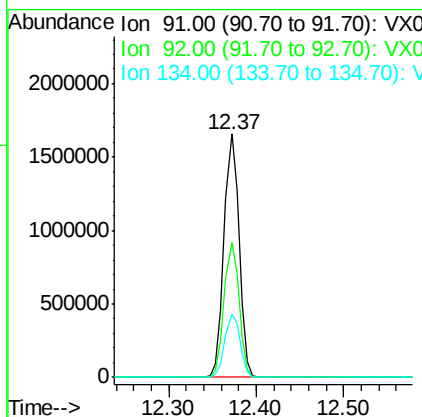
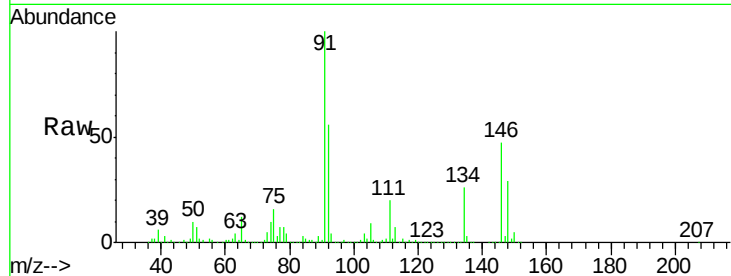
#89
n-Butylbenzene
Concen: 165.457 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1950316
Ion Ratio Lower Upper
91 100
92 55.4 26.9 80.6
134 26.4 12.9 38.6

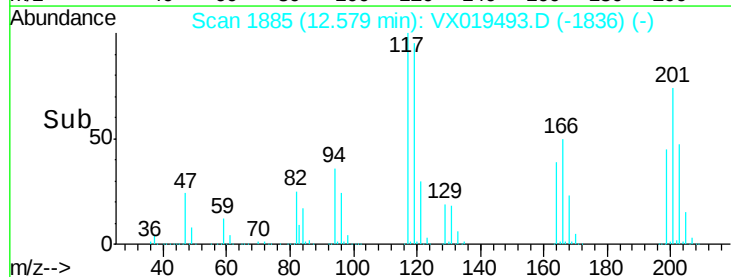
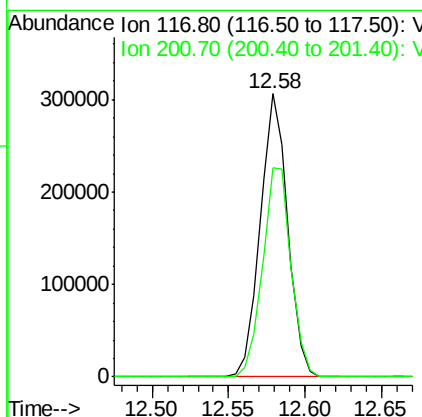
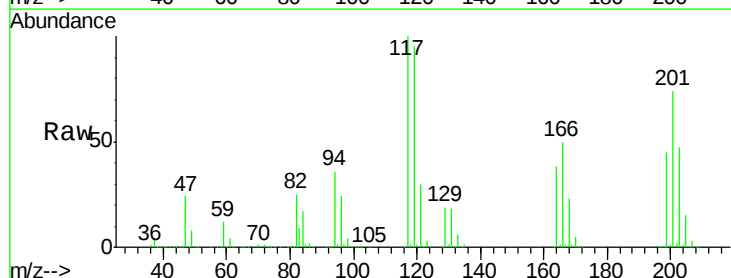
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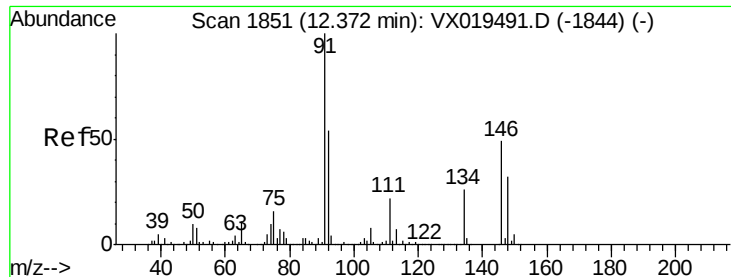
MMDadoda
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#90
Hexachloroethane
Concen: 175.618 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion: 117 Resp: 383158
Ion Ratio Lower Upper
117 100
201 77.1 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 149.929 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1050070

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.3

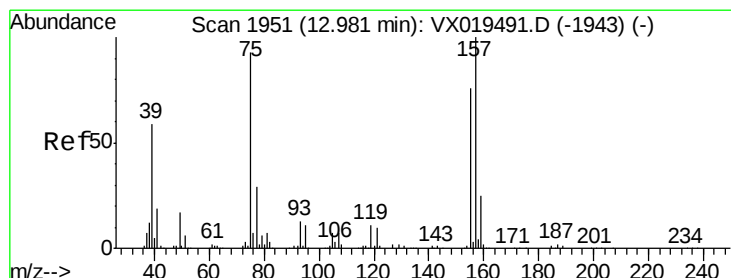
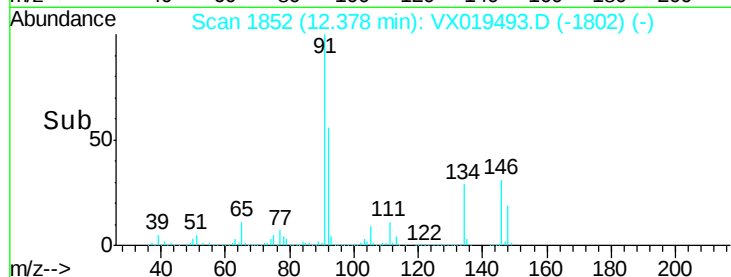
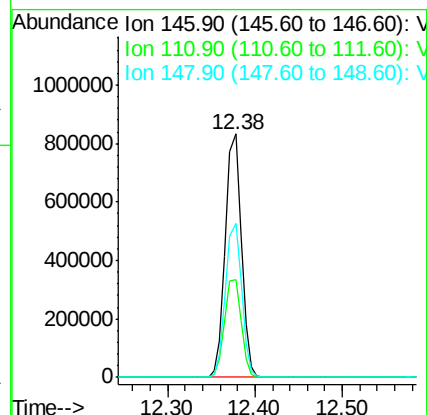
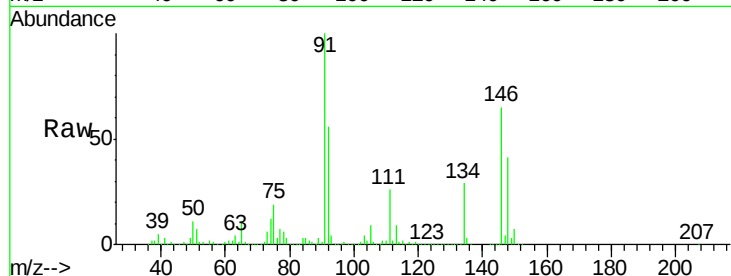
148 64.0 32.4 97.0

Manual Integrations

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11/23/2020 3:50:40 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 163.297 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019493.D

Acq: 20 Nov 2020 11:40

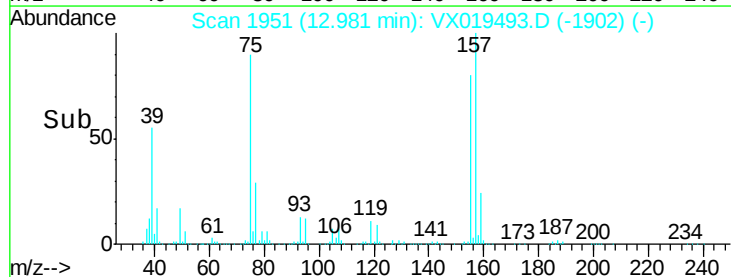
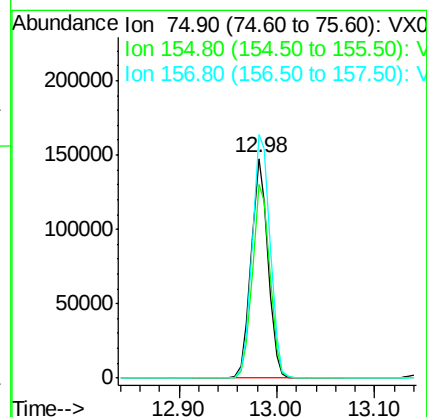
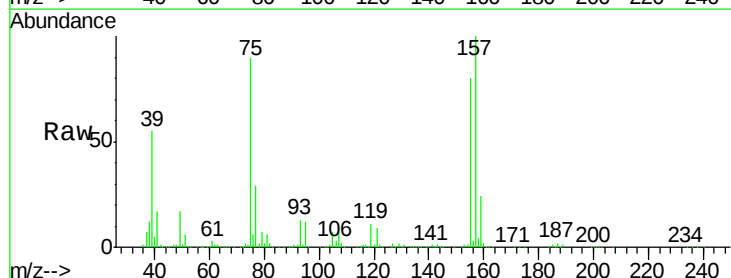
Tgt Ion: 75 Resp: 177200

Ion Ratio Lower Upper

75 100

155 91.2 43.6 130.9

157 117.1 57.0 170.8





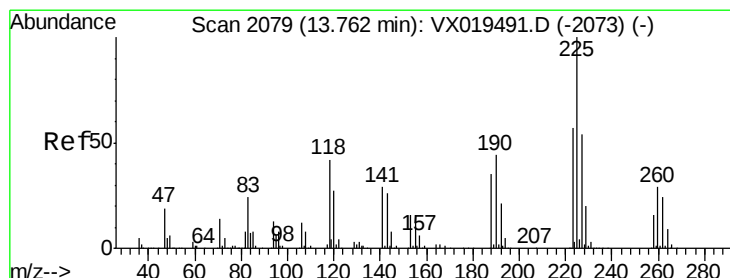
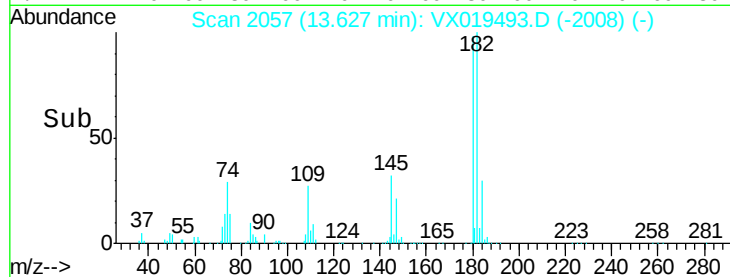
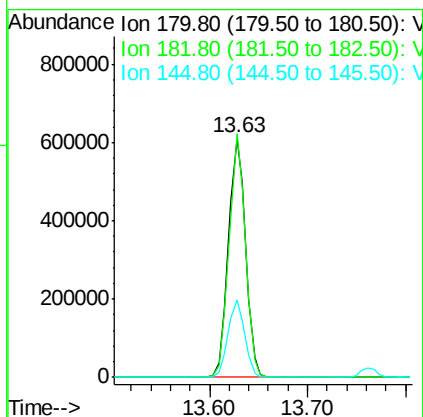
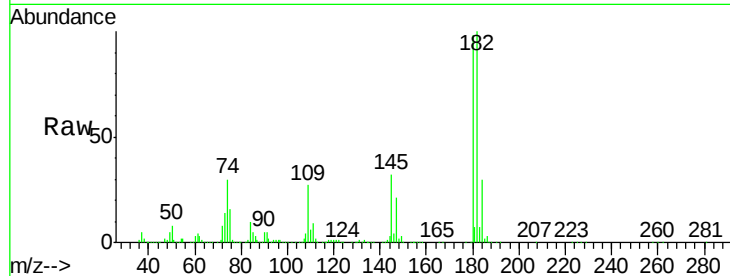
#93
1,2,4-Trichlorobenzene
Concen: 165.435 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.9	48.6	145.9	
145	31.6	15.9	47.7	

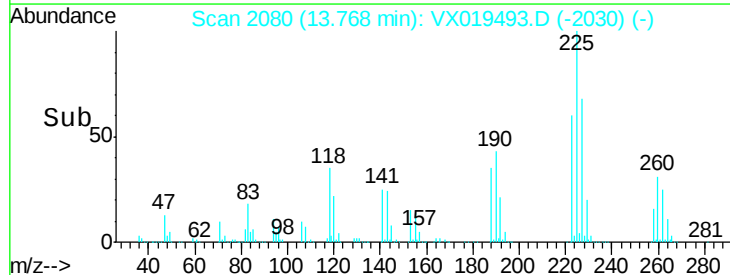
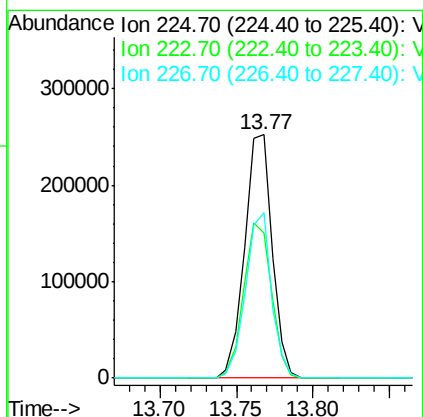
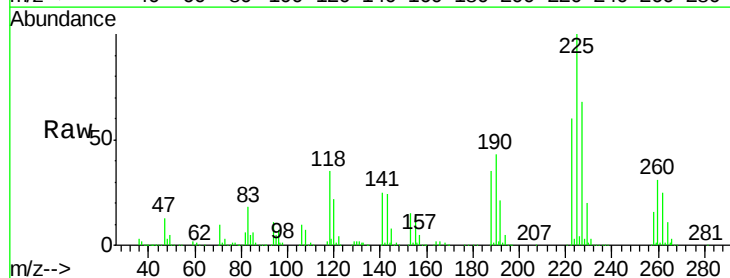
Manual Integrations
APPROVED

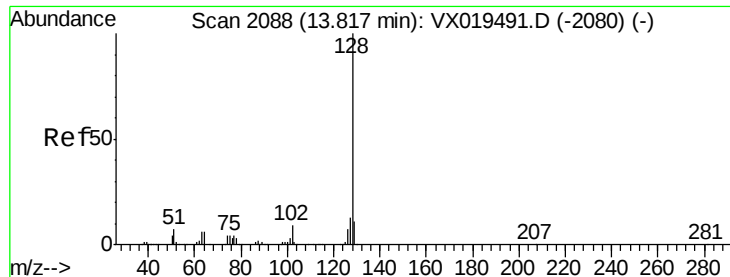
MMDadoda
11/23/2020 3:50:40 PM



#94
Hexachlorobutadiene
Concen: 153.879 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	32.5	97.5	
227	63.8	32.8	98.3	





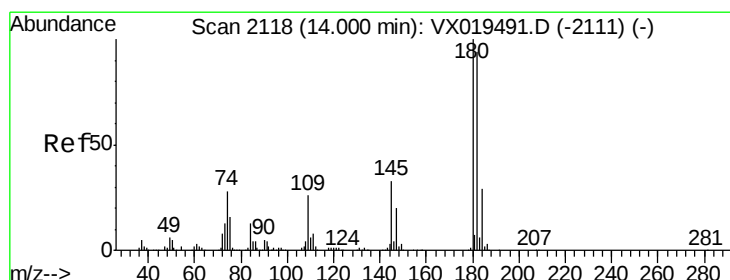
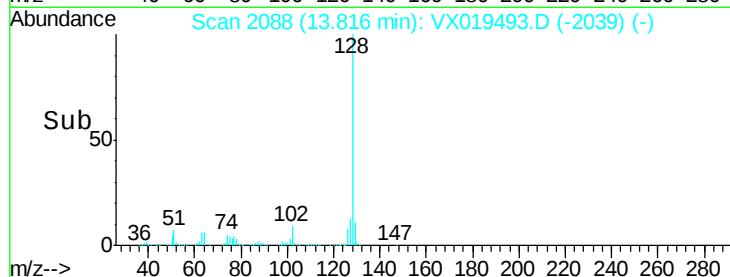
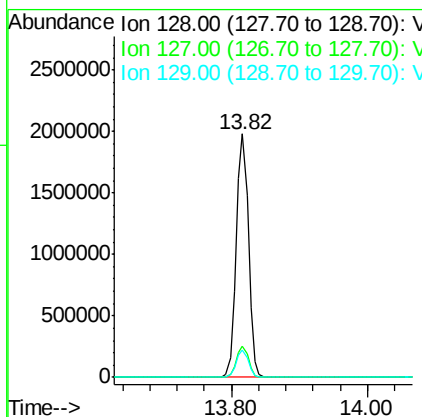
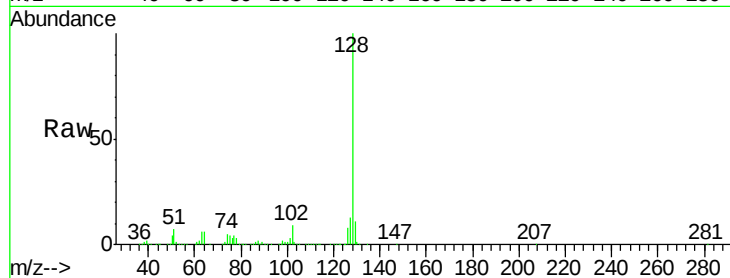
#95
Naphthalene
Concen: 175.812 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 166.329 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019493.D
Acq: 20 Nov 2020 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	32.9	16.6	49.8

