

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019135.D
 Acq On : 27 Oct 2020 13:25
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:03 PM

Quant Time: Oct 27 14:01:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	533796	162.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.58%	
35) Dibromofluoromethane	5.46	113	438562	158.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.20%	
50) Toluene-d8	8.70	98	1631630	152.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.18%	
62) 4-Bromofluorobenzene	11.12	95	652982	171.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	342.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	358394	164.260	ug/l	100
3) Chloromethane	1.31	50	380857	162.105	ug/l	100
4) Vinyl Chloride	1.39	62	453934	154.629	ug/l	99
5) Bromomethane	1.62	94	245067	132.151	ug/l	99
6) Chloroethane	1.70	64	283476	143.235	ug/l	99
7) Trichlorofluoromethane	1.91	101	717481	143.816	ug/l	97
8) Diethyl Ether	2.17	74	277998	141.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	402480	158.624	ug/l	100
10) Methyl Iodide	2.49	142	502852	179.377	ug/l	99
11) Tert butyl alcohol	3.06	59	540102m	801.674	ug/l	
12) 1,1-Dichloroethene	2.36	96	412678	160.731	ug/l	95
13) Acrolein	2.27	56	239748	733.554	ug/l	100
14) Allyl chloride	2.70	41	626623	183.560	ug/l	99
15) Acrylonitrile	3.12	53	1133941	837.684	ug/l	100
16) Acetone	2.42	43	917388	843.953	ug/l	99
17) Carbon Disulfide	2.55	76	1151761	161.902	ug/l	100
18) Methyl Acetate	2.75	43	449928	168.417	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1444402	162.834	ug/l	100
20) Methylene Chloride	2.83	84	458433	148.540	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	466085	154.406	ug/l	99
22) Diisopropyl ether	3.82	45	1251781	173.619	ug/l	97
23) Vinyl Acetate	3.79	43	5582803	879.634	ug/l	98
24) 1,1-Dichloroethane	3.67	63	779997	165.567	ug/l	100
25) 2-Butanone	4.64	43	1481539	854.544	ug/l	100
26) 2,2-Dichloropropane	4.55	77	721112	162.697	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	527795	155.428	ug/l	99
28) Bromochloromethane	4.98	49	352879	173.155	ug/l	99
29) Tetrahydrofuran	5.09	42	950282	861.004	ug/l	99
30) Chloroform	5.18	83	832791	159.514	ug/l	100
31) Cyclohexane	5.55	56	674673	161.749	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	767861	164.859	ug/l	99
36) 1,1-Dichloropropene	5.77	75	629624	159.042	ug/l	100
37) Ethyl Acetate	4.79	43	592378	169.613	ug/l	99
38) Carbon Tetrachloride	5.76	117	677282	166.223	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	775738	159.824	ug/l	100
40) Benzene	6.11	78	1822557	157.058	ug/l	100
41) Methacrylonitrile	5.01	41	315353	174.941	ug/l	98
42) 1,2-Dichloroethane	6.16	62	663686	167.329	ug/l	99
43) Isopropyl Acetate	6.42	43	999297	174.882	ug/l	99
44) Trichloroethene	7.19	130	519373	156.300	ug/l	97
45) 1,2-Dichloropropane	7.49	63	453642	166.221	ug/l	100
46) Dibromomethane	7.63	93	330167	160.577	ug/l	99
47) Bromodichloromethane	7.88	83	679315	168.936	ug/l	99
48) Methyl methacrylate	7.74	41	492747	182.869	ug/l	99
49) 1,4-Dioxane	7.73	88	224859	3234.520	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2886316	864.680	ug/l	98
52) Toluene	8.77	92	1190363	158.581	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	768401	172.889	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	798611	168.724	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	474585	158.796	ug/l	98
56) Ethyl methacrylate	9.16	69	748896	173.571	ug/l	100
57) 1,3-Dichloropropane	9.35	76	776097	158.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1898526	812.317	ug/l	100
59) 2-Hexanone	9.48	43	2230499	878.406	ug/l	99
60) Dibromochloromethane	9.57	129	545351	171.186	ug/l	99
61) 1,2-Dibromoethane	9.65	107	507003	159.877	ug/l	99
64) Tetrachloroethene	9.32	164	449612	143.788	ug/l	97
65) Chlorobenzene	10.12	112	1268094	154.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	480147	163.870	ug/l	99
67) Ethyl Benzene	10.24	91	2280360	159.049	ug/l	97
68) m/p-Xylenes	10.34	106	1745588	316.801	ug/l	98
69) o-Xylene	10.68	106	842425	159.535	ug/l	97
70) Styrene	10.70	104	1467913	166.848	ug/l	100
71) Bromoform	10.84	173	413835	179.332	ug/l #	99
73) Isopropylbenzene	11.00	105	2262489	157.022	ug/l	99
74) N-amyl acetate	10.88	43	881369	188.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	727351	161.620	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	649146m	162.041	ug/l	
77) Bromobenzene	11.24	156	567790	157.358	ug/l	98
78) n-propylbenzene	11.35	91	2603874	161.038	ug/l	99
79) 2-Chlorotoluene	11.40	91	1533874	161.335	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1947015	163.742	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	269710	177.940	ug/l	98
82) 4-Chlorotoluene	11.49	91	1846991	164.076	ug/l	100
83) tert-Butylbenzene	11.76	119	1914213	164.794	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1980245	164.689	ug/l	99
85) sec-Butylbenzene	11.93	105	2257241	161.876	ug/l	100
86) p-Isopropyltoluene	12.05	119	2128486	164.885	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1058613	158.539	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	1072213	154.101	ug/l	98
89) n-Butylbenzene	12.37	91	1979789	168.238	ug/l	99
90) Hexachloroethane	12.58	117	394065	182.469	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1033529	158.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	185015	186.160	ug/l	99

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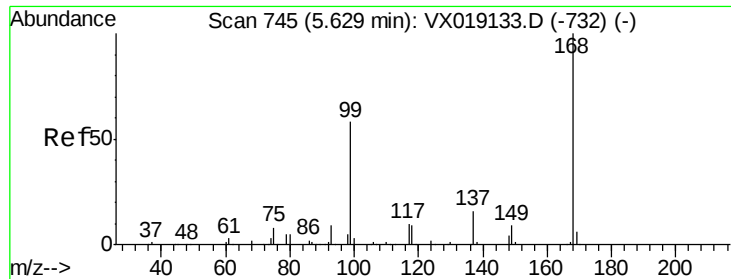
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	761917	167.158	ug/l	99
94) Hexachlorobutadiene	13.76	225	326679	161.317	ug/l	99
95) Naphthalene	13.82	128	2439747	169.969	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	731547	163.590	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 274732

Ion Ratio Lower Upper

168 100

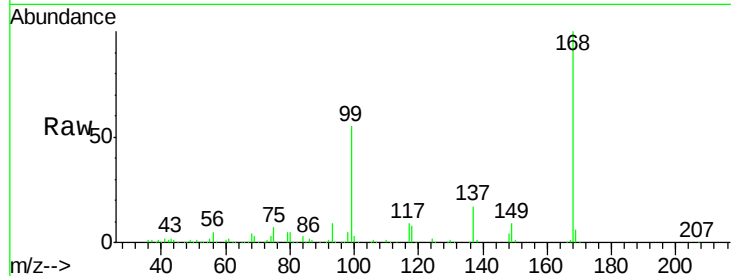
99 54.7 46.6 69.8

Manual Integrations

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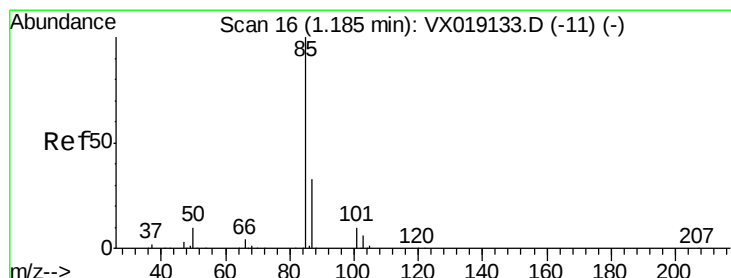
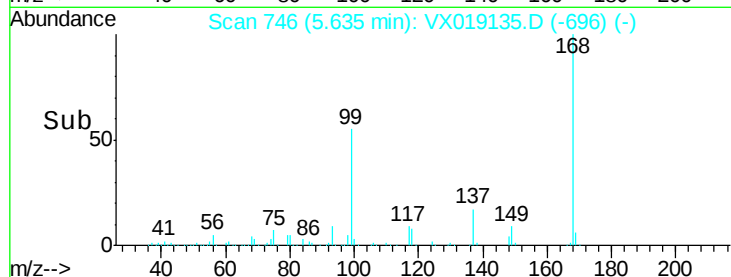
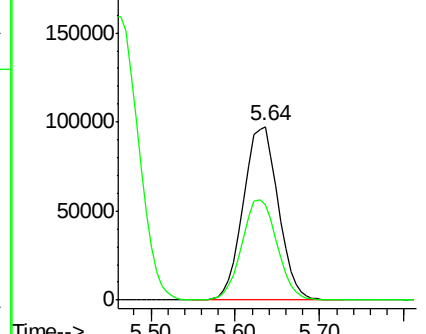
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 164.260 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019135.D

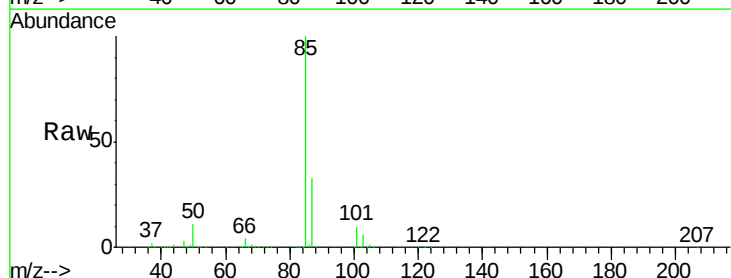
Acq: 27 Oct 2020 13:25

Tgt Ion: 85 Resp: 358394

Ion Ratio Lower Upper

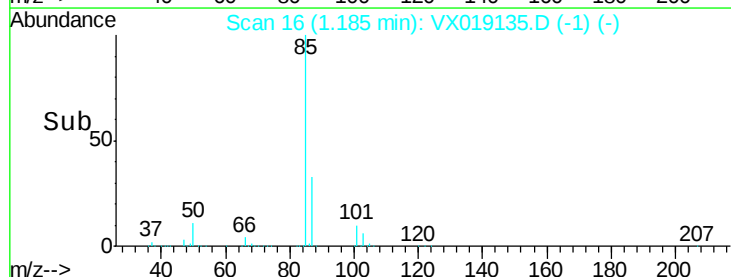
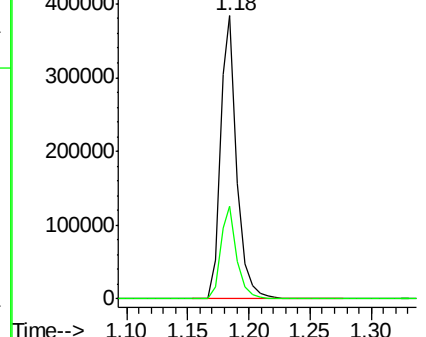
85 100

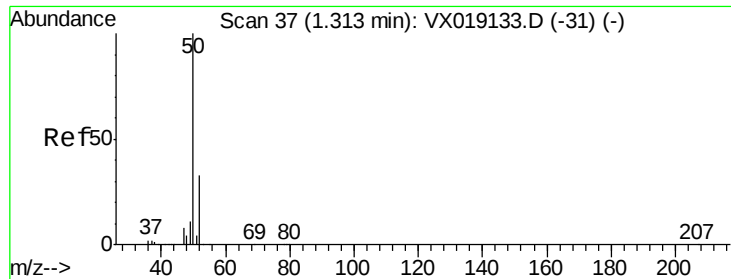
87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 162.105 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 380857

Ion Ratio Lower Upper

50 100

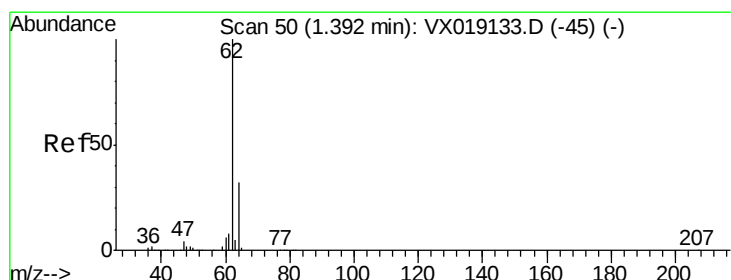
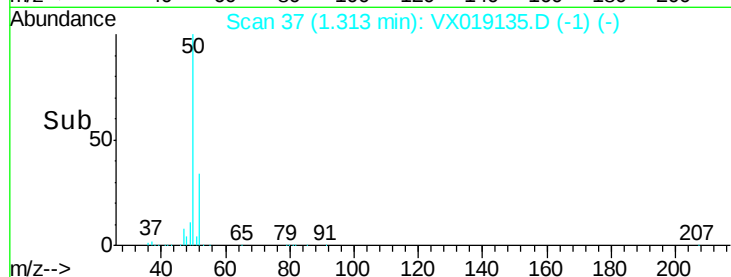
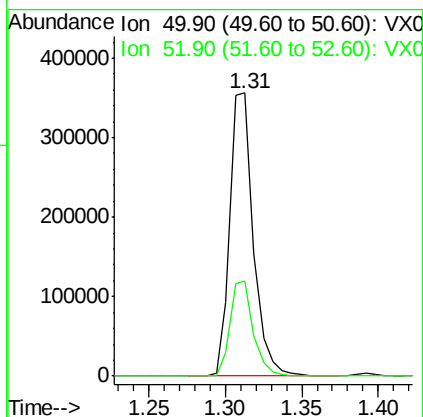
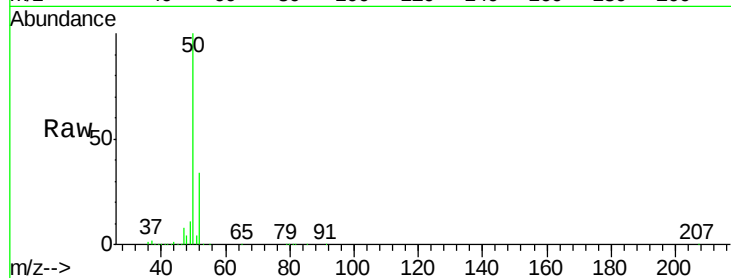
52 33.7 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 154.629 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019135.D

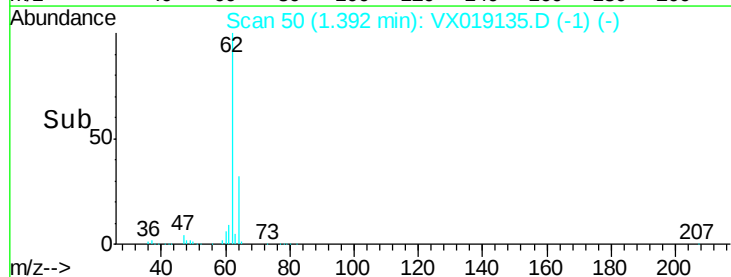
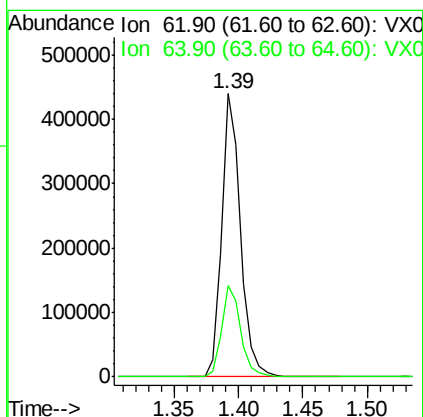
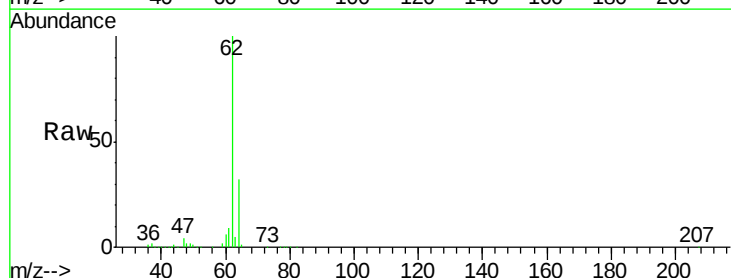
Acq: 27 Oct 2020 13:25

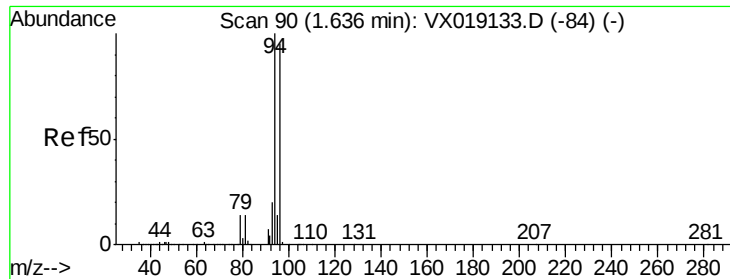
Tgt Ion: 62 Resp: 453934

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 132.151 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 245067

Ion Ratio Lower Upper

94 100

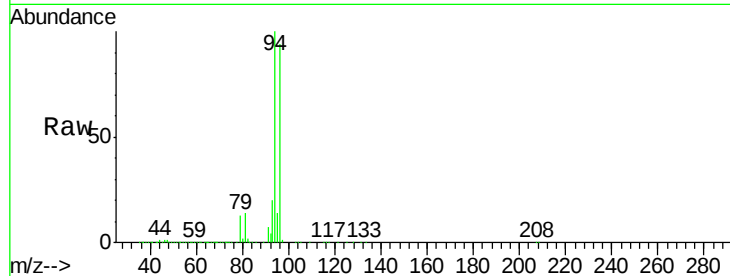
96 94.3 76.0 114.0

Manual Integrations

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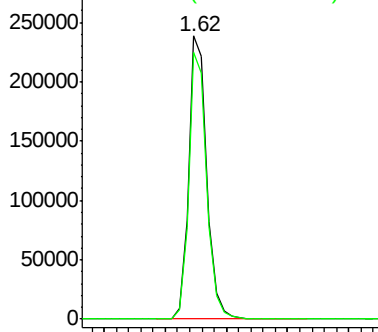
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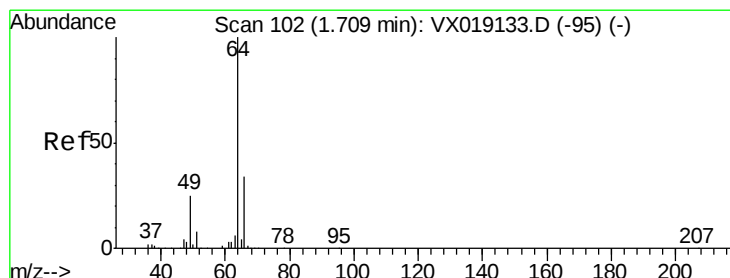
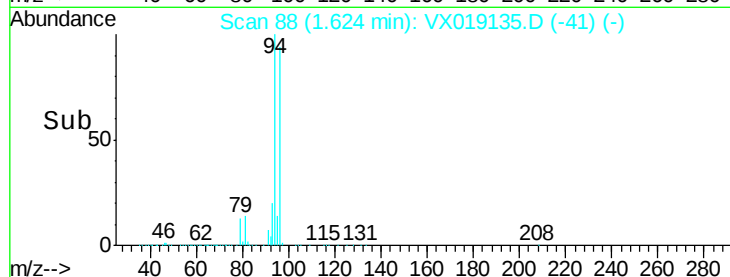


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 143.235 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX019135.D

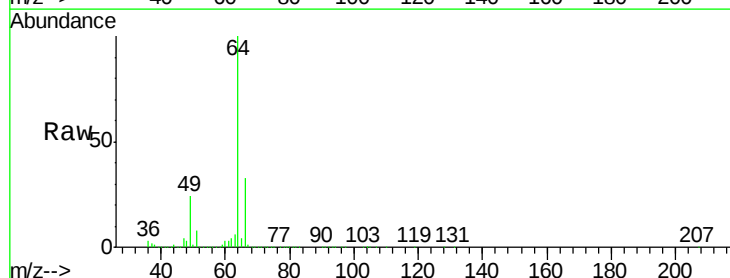
Acq: 27 Oct 2020 13:25

Tgt Ion: 64 Resp: 283476

Ion Ratio Lower Upper

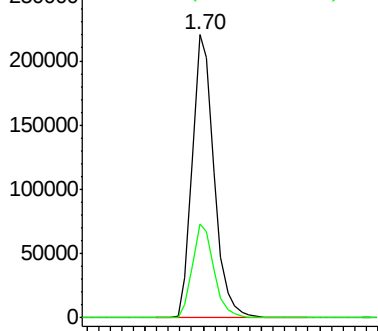
64 100

66 33.1 27.1 40.7

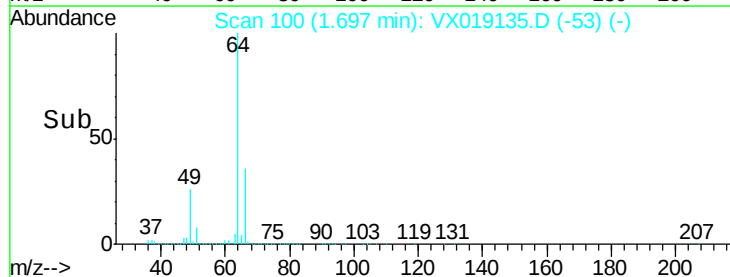


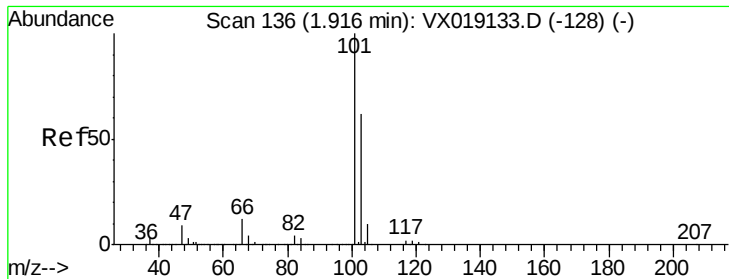
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

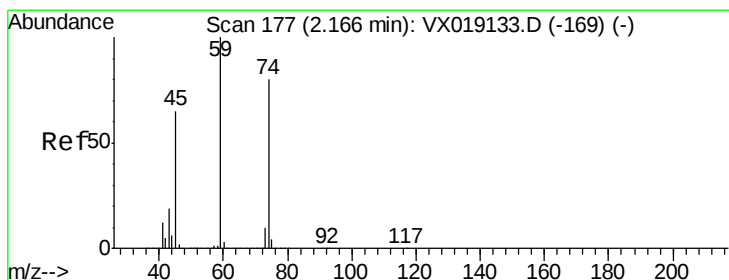
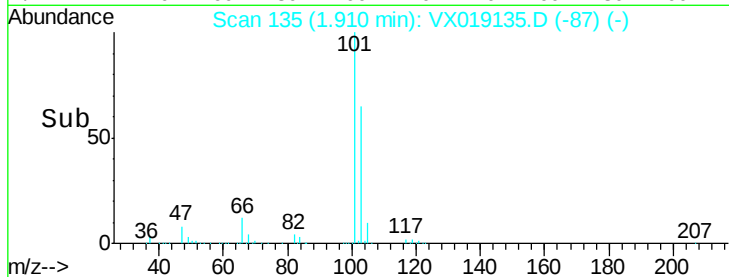
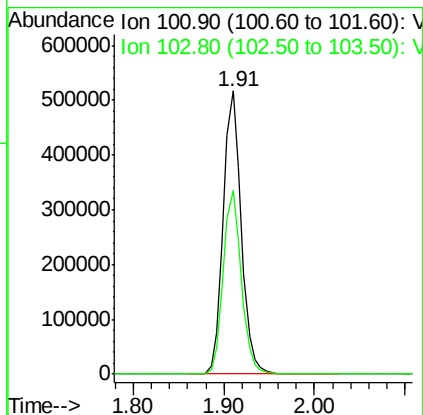
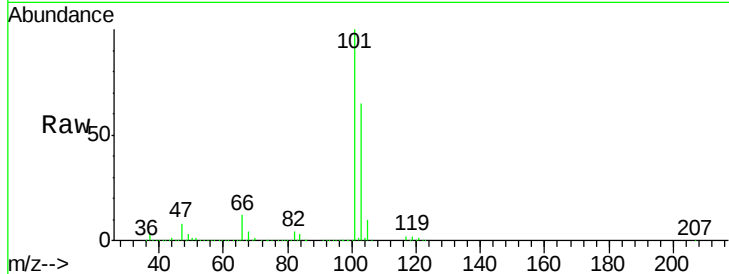
Trichlorofluoromethane
Concen: 143.816 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		717481		
103	65.0	50.0	75.0		

Manual Integrations
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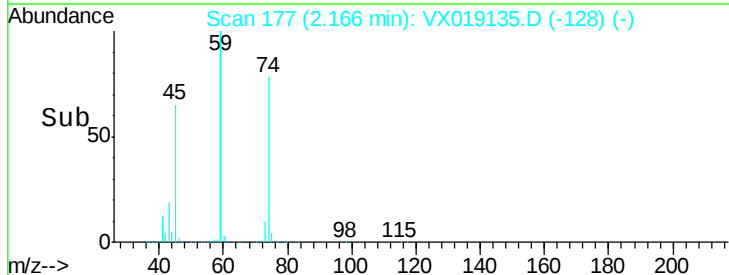
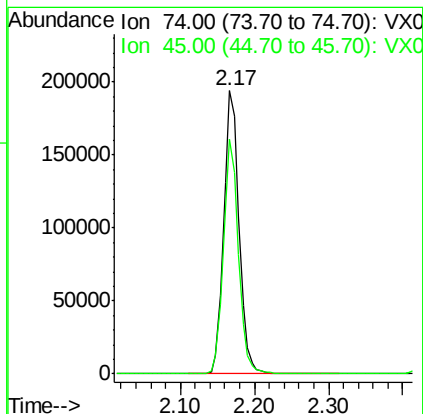
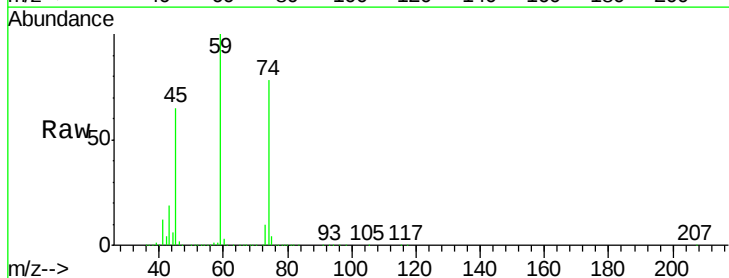
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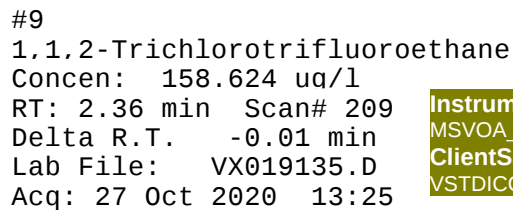


#8

Diethyl Ether
Concen: 141.401 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		277998		
45	81.1	41.0	123.0		



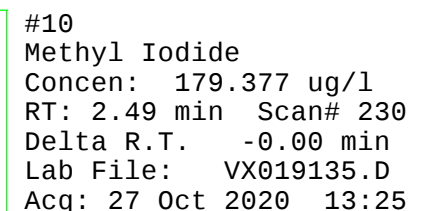
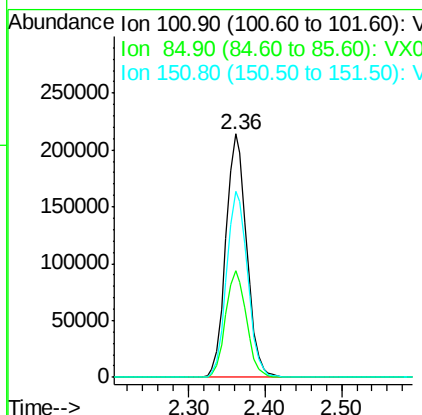


Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

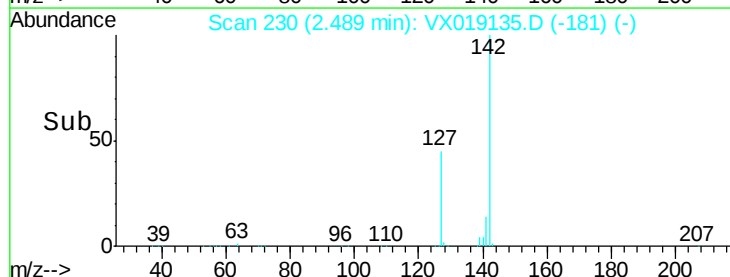
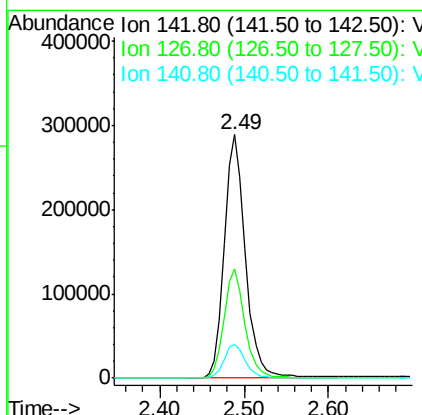
Tqt	Ion:101	Resp:	402480
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.0	52.4
151	77.3	61.4	92.2

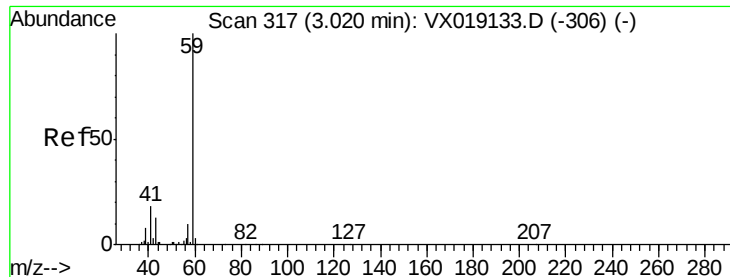
Manual Integrations

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Tgt	Ion:142	Resp:	502852
Ion	Ratio	Lower	Upper
142	100		
127	44.0	36.1	54.1
141	13.9	11.3	16.9





#11

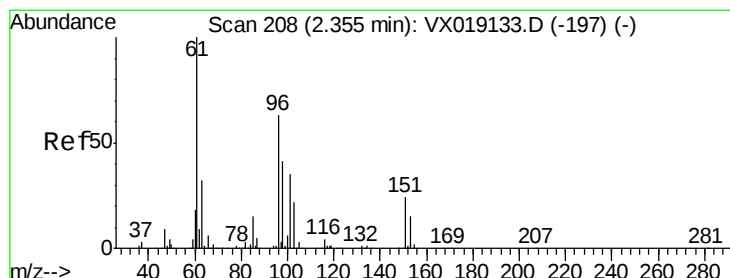
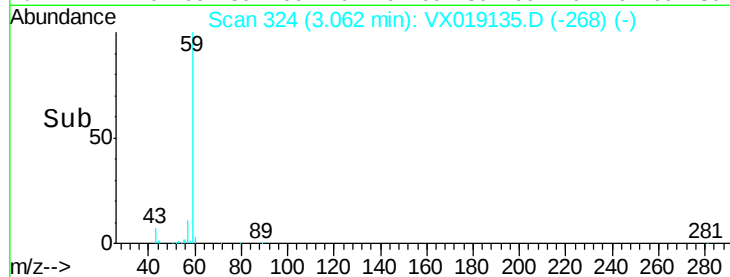
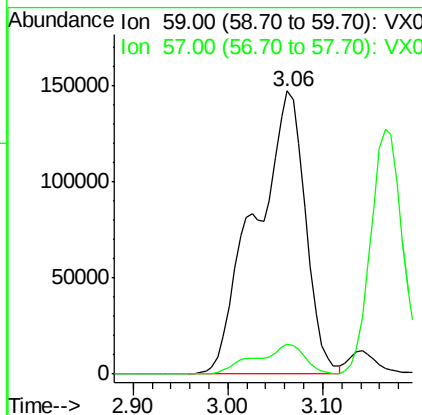
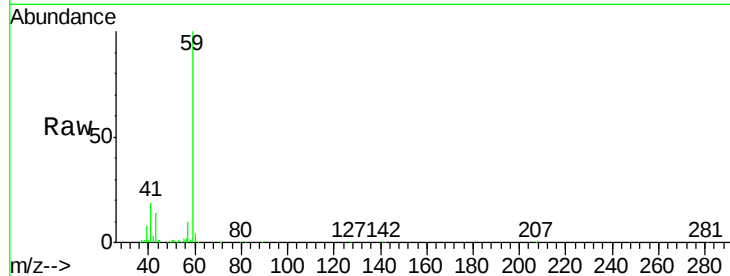
Tert butyl alcohol
Concen: 801.674 ug/l m
RT: 3.06 min Scan# 324
Delta R.T. 0.04 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

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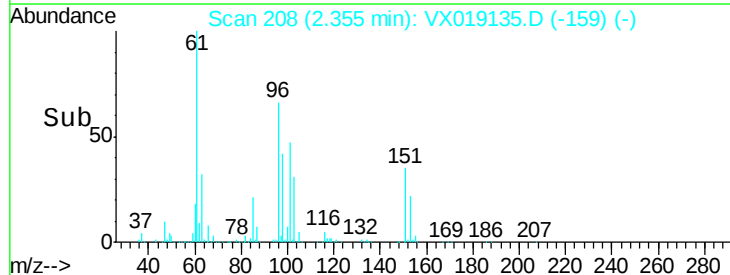
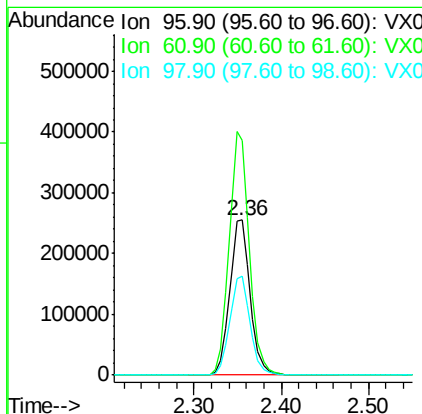
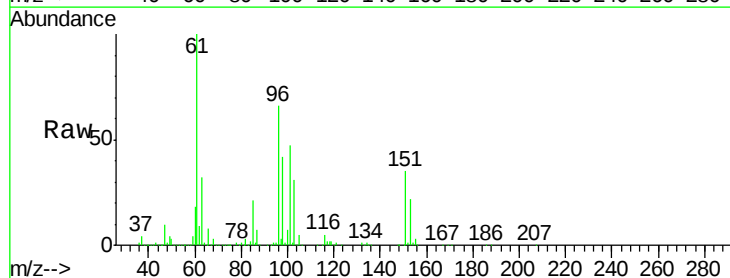
MMDadoda
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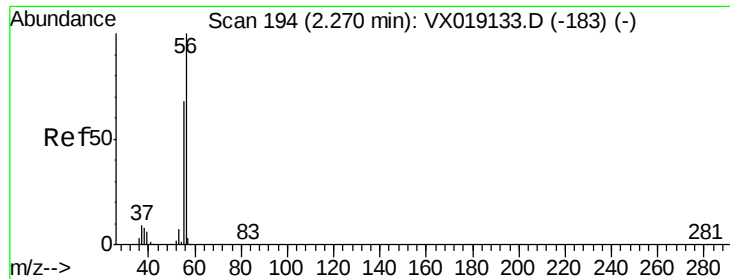


#12

1,1-Dichloroethene
Concen: 160.731 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	127.7	191.5
98	63.7	52.1	78.1





#13

Acrolein

Concen: 733.554 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 239748

Ion Ratio Lower Upper

56 100

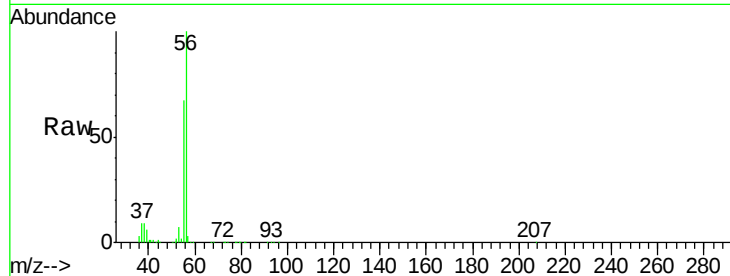
55 68.8 54.7 82.1

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

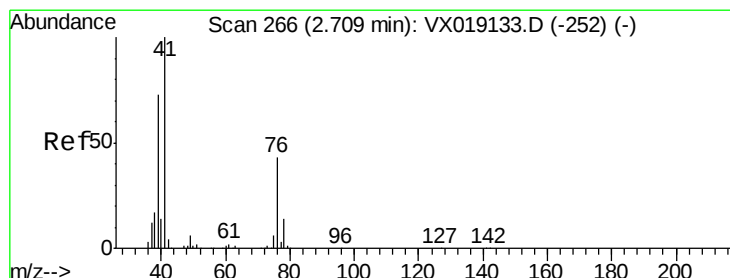
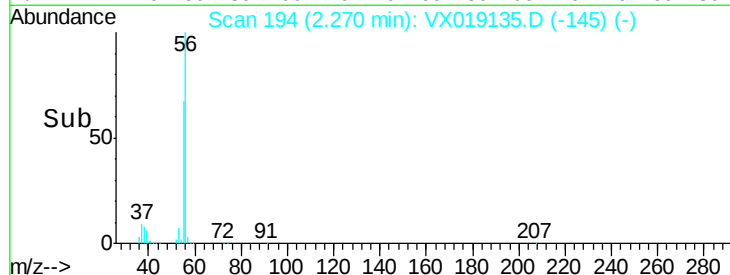
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 183.560 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

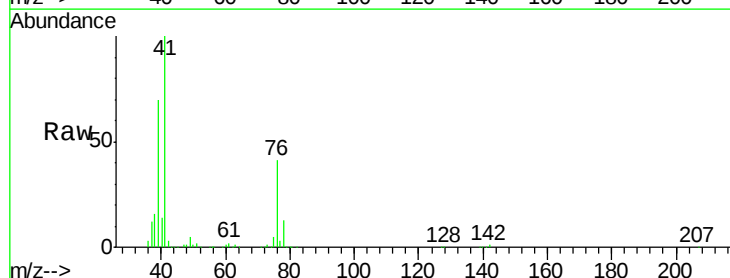
Tgt Ion: 41 Resp: 626623

Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

76 39.8 31.5 47.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

400000

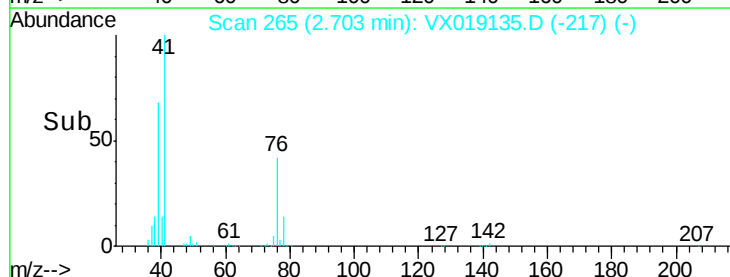
300000

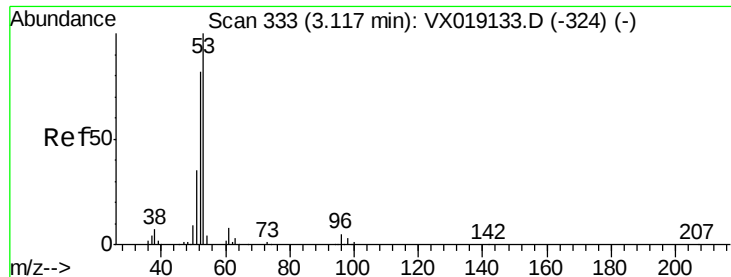
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 837.684 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1133941

Ion Ratio Lower Upper

53 100

52 81.7 65.7 98.5

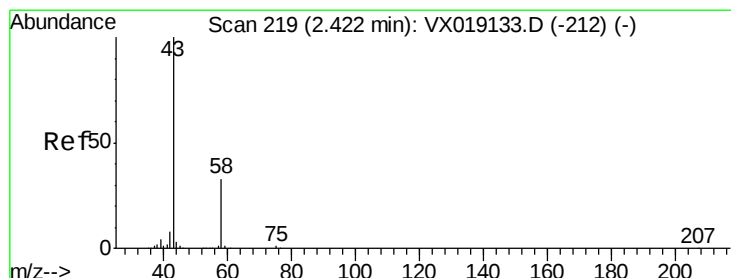
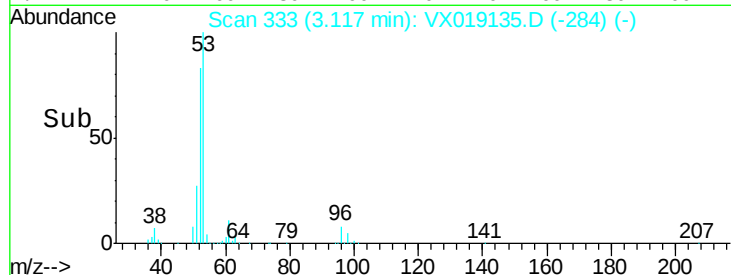
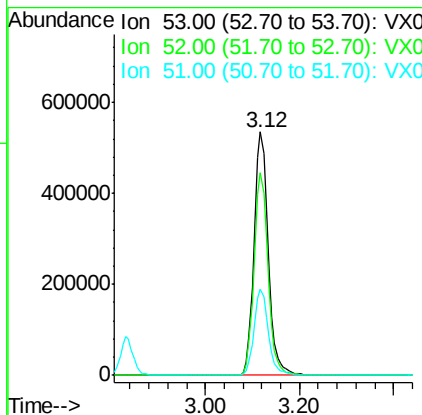
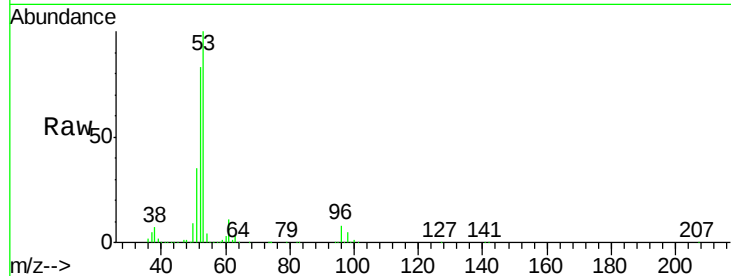
51 35.9 28.4 42.6

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#16

Acetone

Concen: 843.953 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019135.D

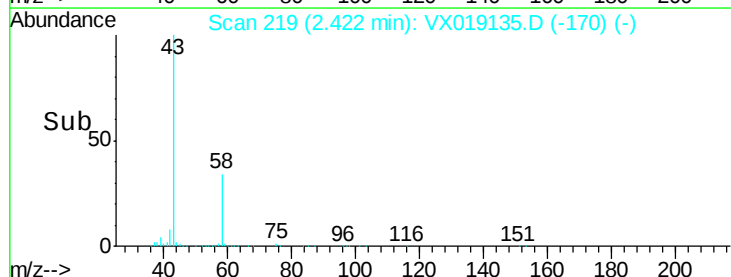
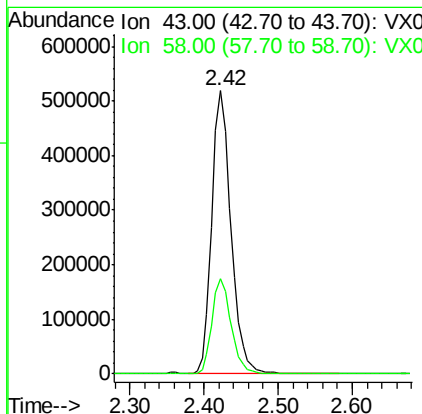
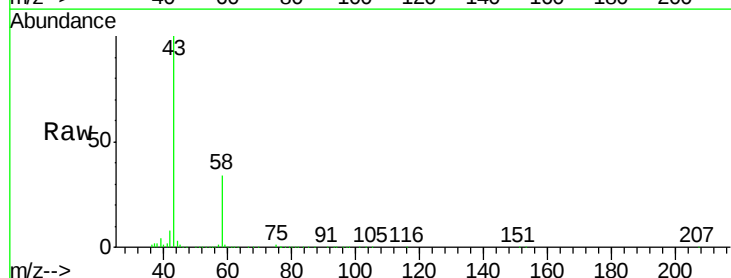
Acq: 27 Oct 2020 13:25

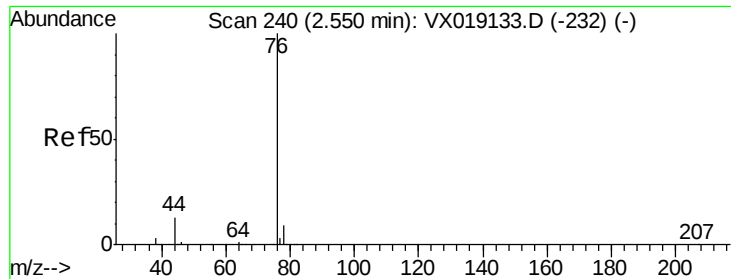
Tgt Ion: 43 Resp: 917388

Ion Ratio Lower Upper

43 100

58 33.7 26.3 39.5





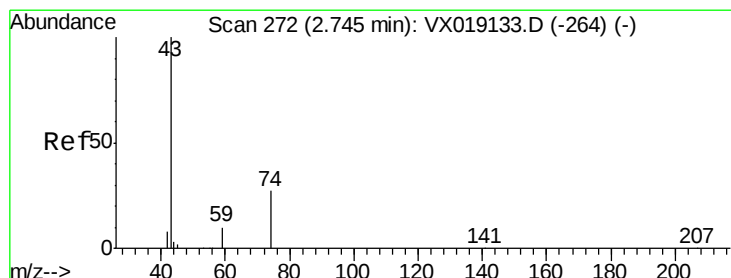
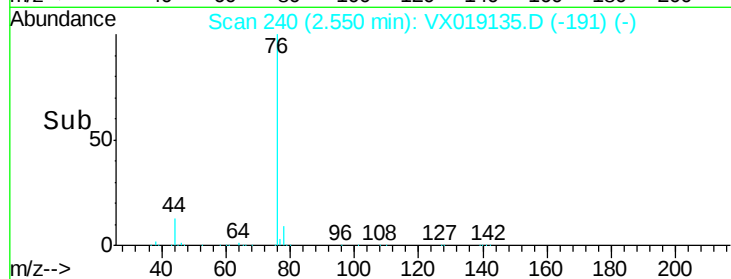
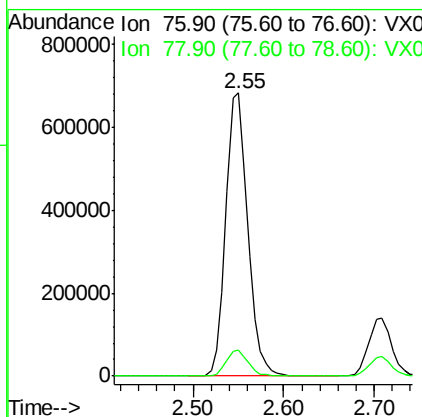
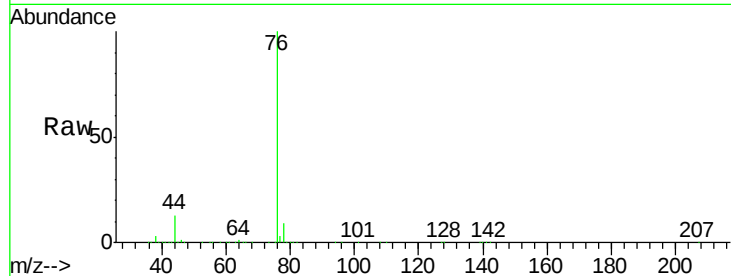
#17
Carbon Disulfide
Concen: 161.902 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1151761
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

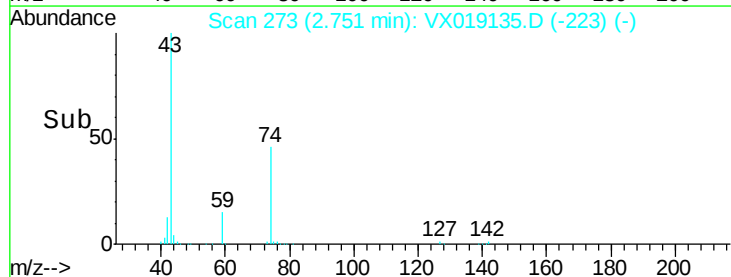
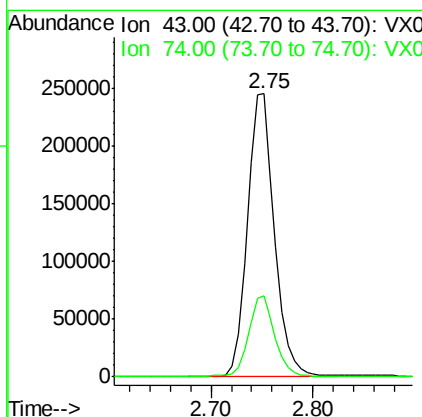
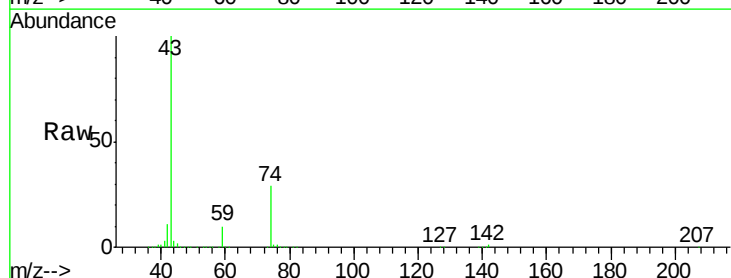
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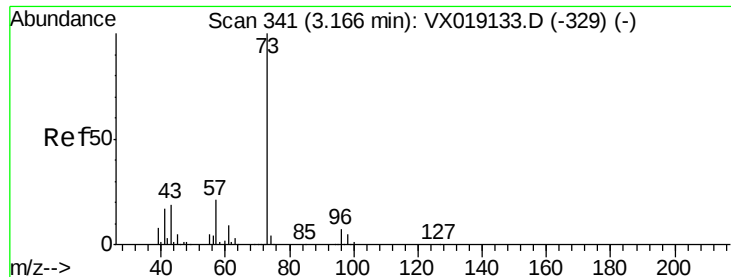
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#18
Methyl Acetate
Concen: 168.417 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 43 Resp: 449928
Ion Ratio Lower Upper
43 100
74 28.3 22.6 33.8





#19

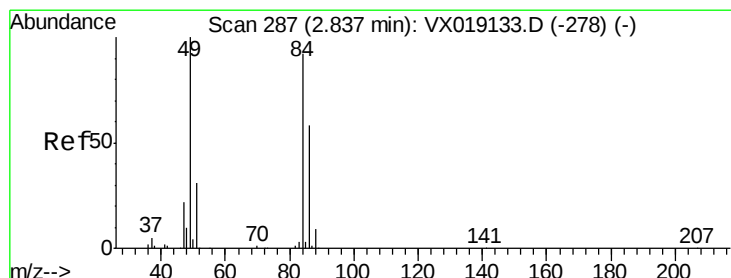
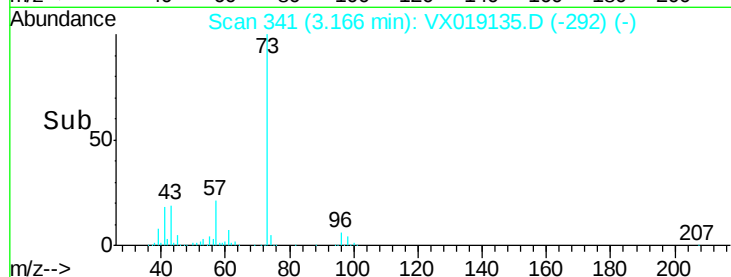
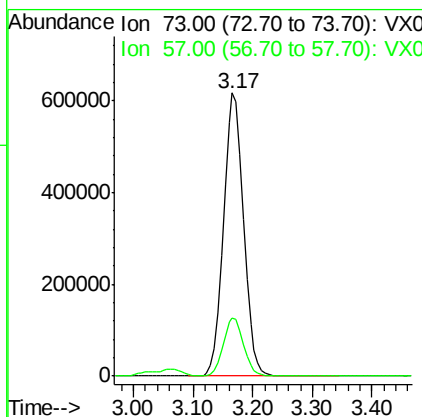
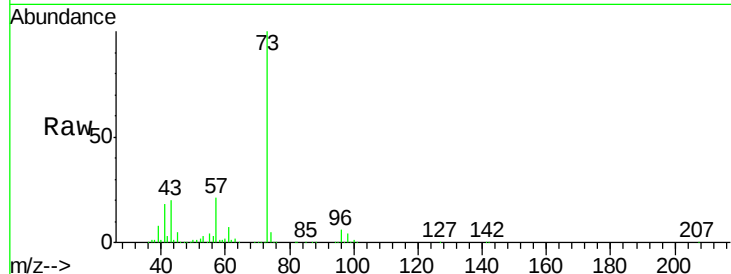
Methyl tert-butyl Ether
 Concen: 162.834 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1444402
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.6 25.0

Manual Integrations
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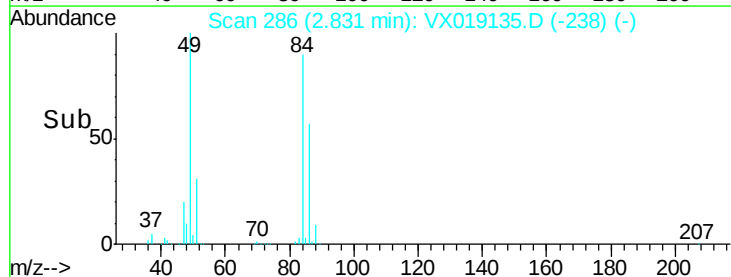
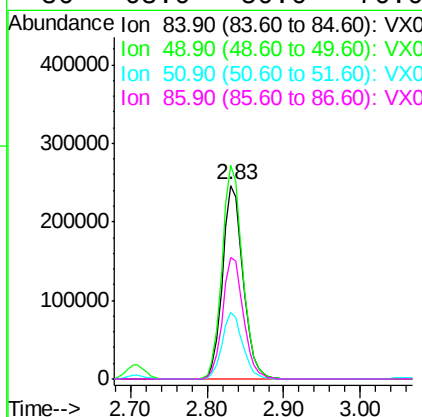
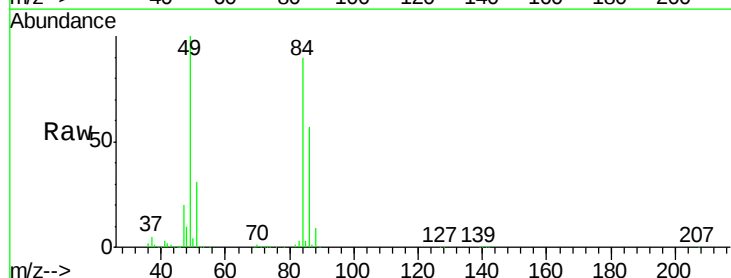
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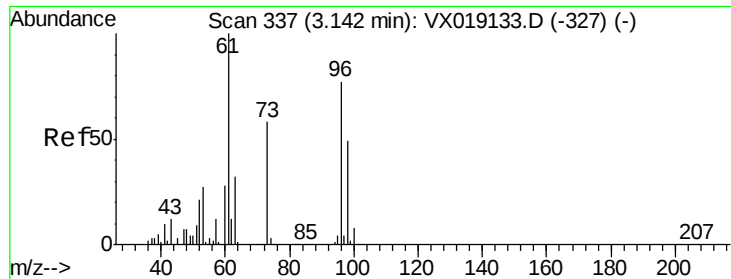


#20

Methylene Chloride
 Concen: 148.540 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion: 84 Resp: 458433
 Ion Ratio Lower Upper
 84 100
 49 110.5 86.8 130.2
 51 34.2 27.3 40.9
 86 63.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 154.406 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

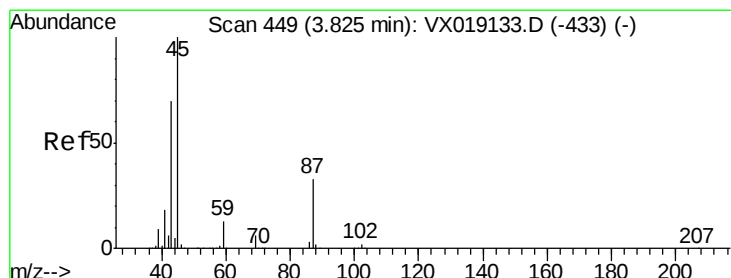
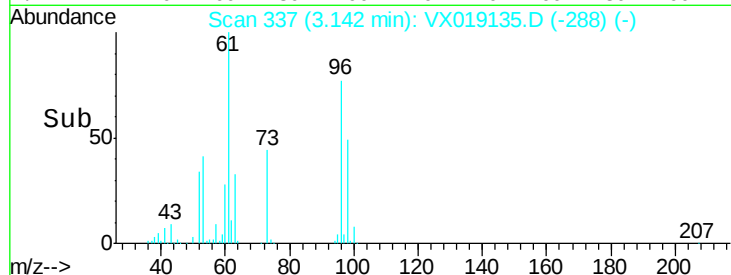
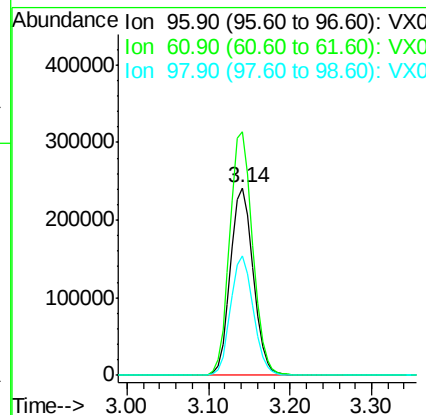
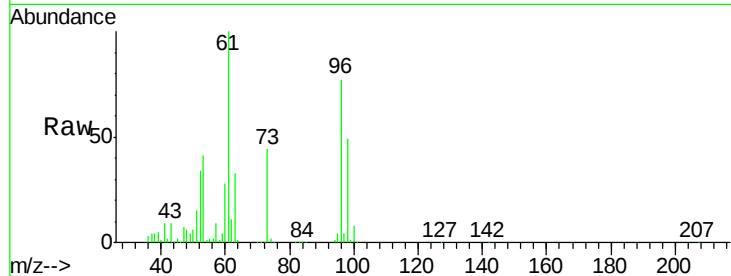
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	466085
Ion	Ratio	Lower	Upper
96	100		
61	129.5	104.2	156.4
98	63.4	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 173.619 ug/l

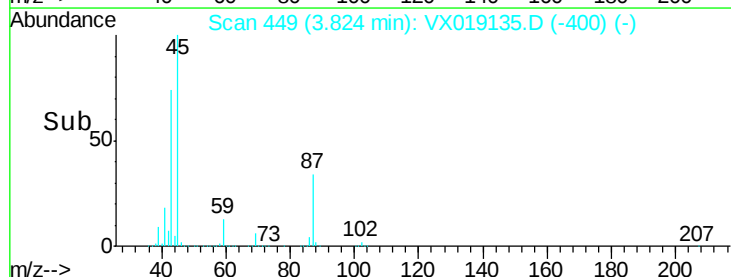
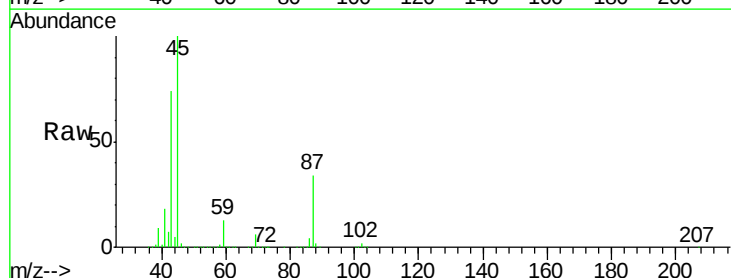
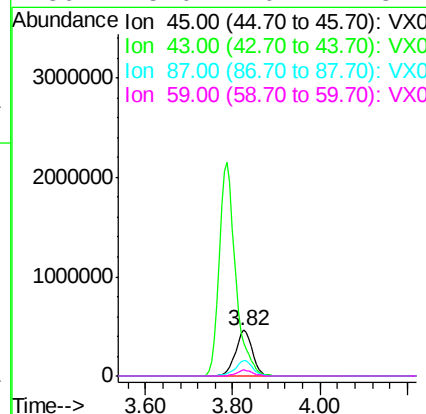
RT: 3.82 min Scan# 449

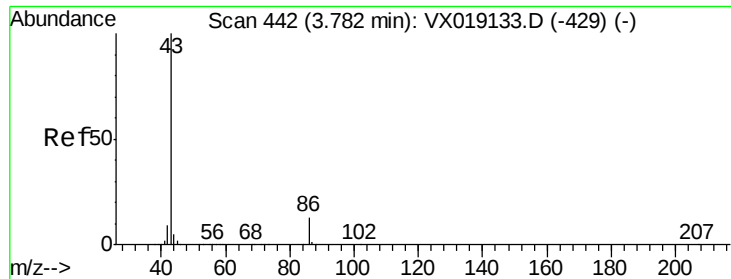
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion:	45	Resp:	1251781
Ion	Ratio	Lower	Upper
45	100		
43	73.6	56.2	84.4
87	33.6	26.2	39.2
59	13.0	10.1	15.1





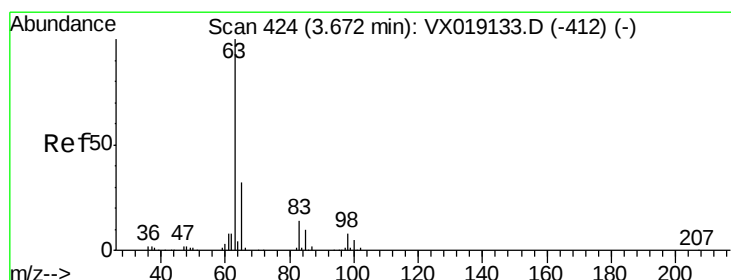
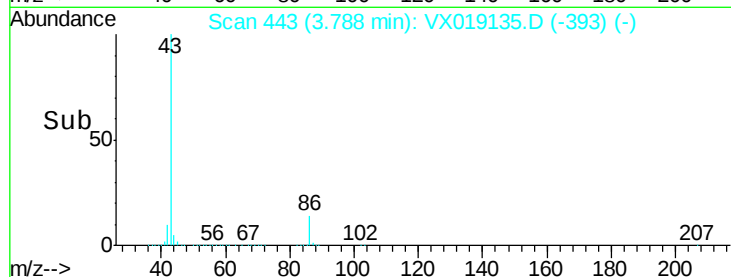
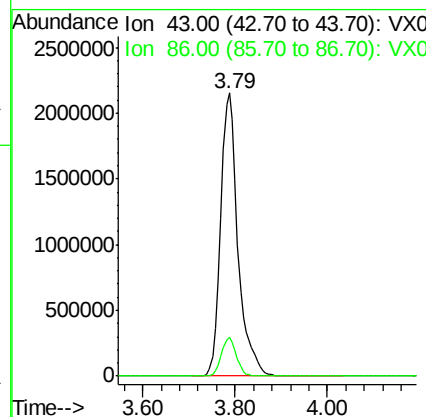
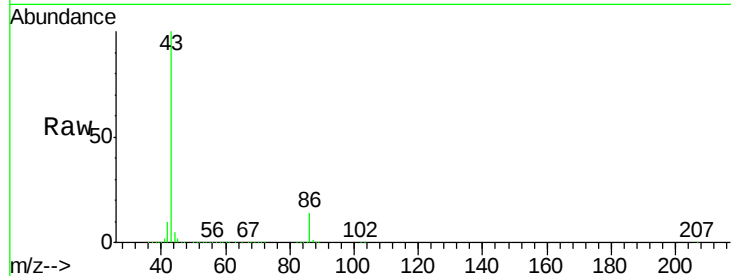
#23
 Vinyl Acetate
 Concen: 879.634 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 5582803
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.4 15.6

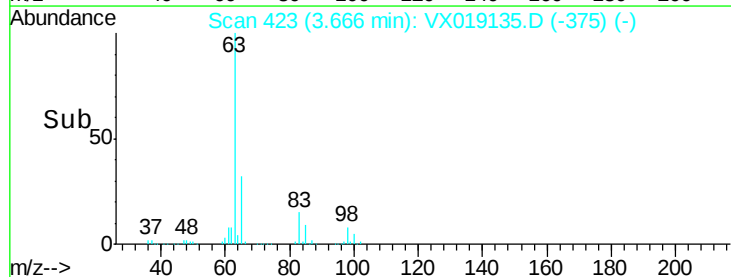
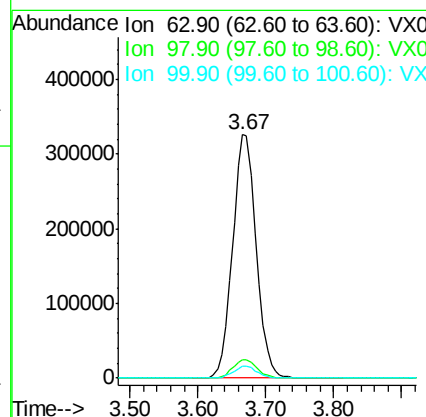
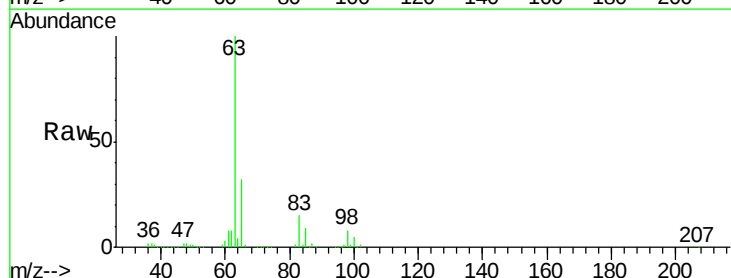
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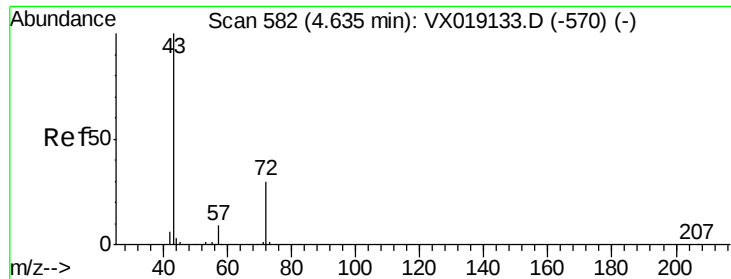
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#24
 1,1-Dichloroethane
 Concen: 165.567 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion: 63 Resp: 779997
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 854.544 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1481539

Ion Ratio Lower Upper

43 100

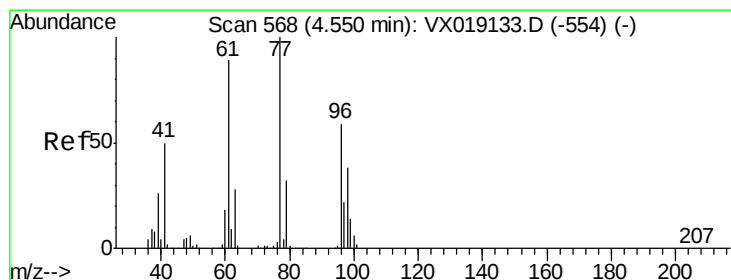
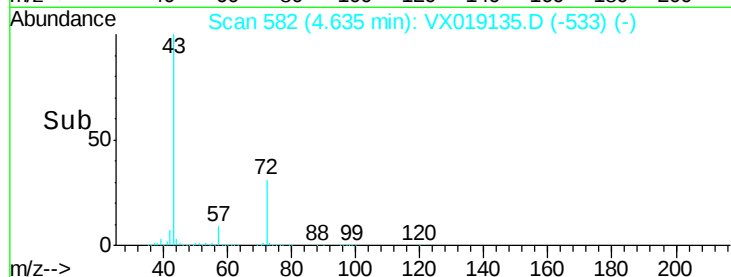
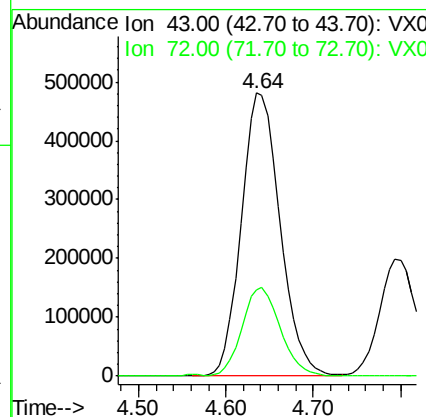
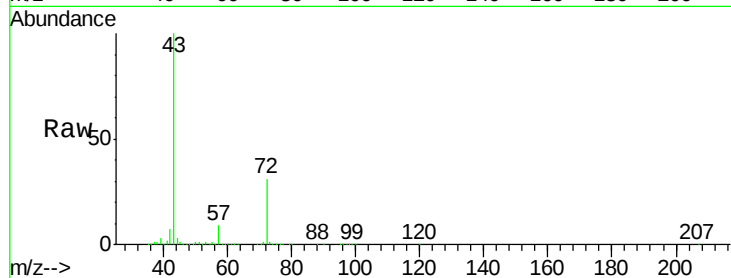
72 30.5 24.6 36.8

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#26

2,2-Dichloropropane

Concen: 162.697 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019135.D

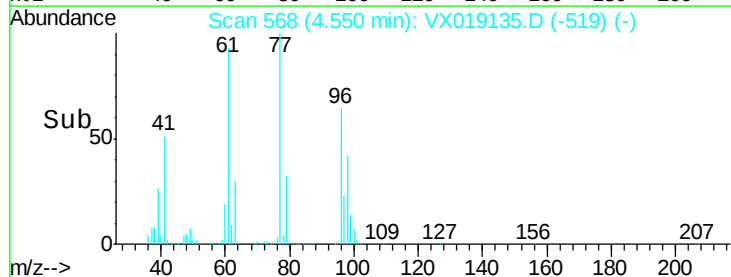
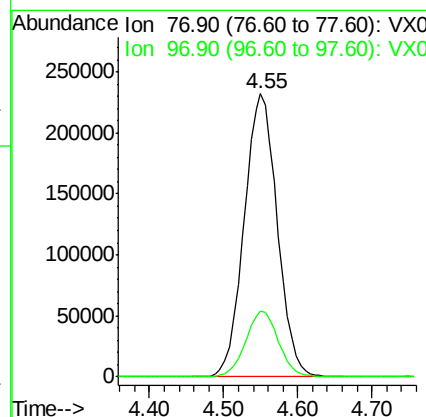
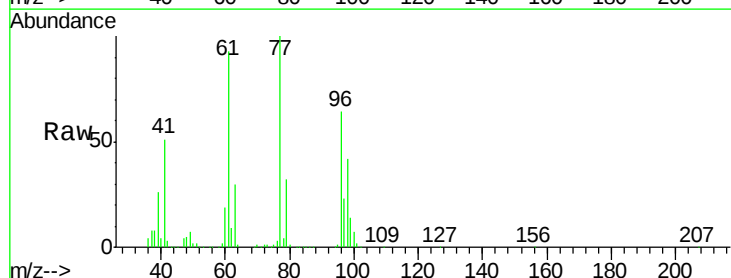
Acq: 27 Oct 2020 13:25

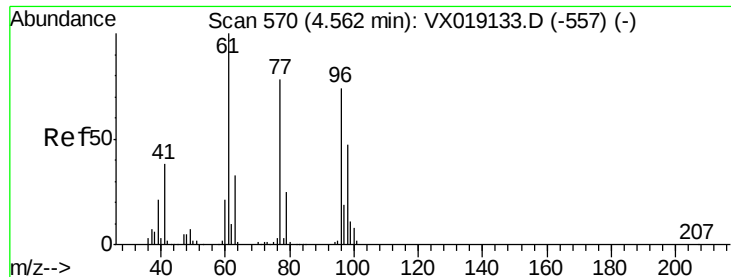
Tgt Ion: 77 Resp: 721112

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

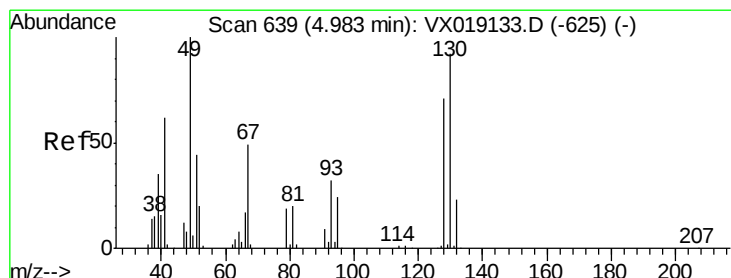
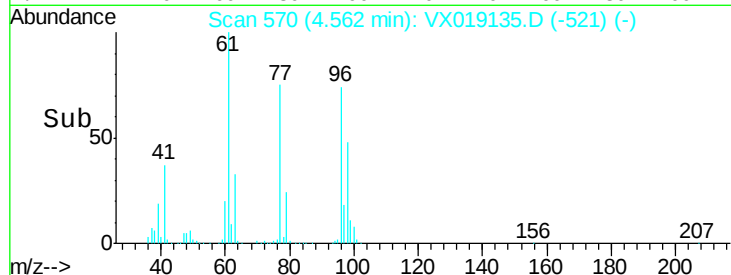
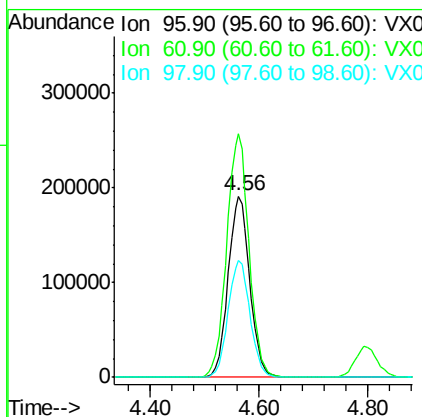
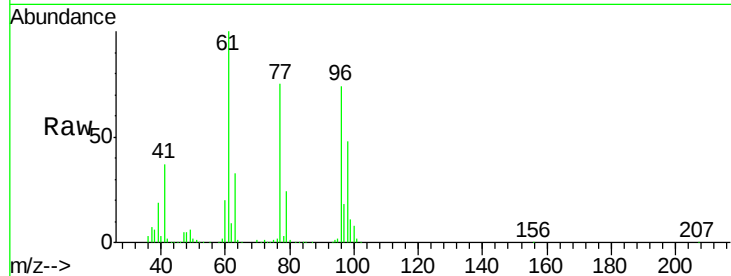
cis-1,2-Dichloroethene
 Concen: 155.428 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	527795		
61	138.6	0.0	278.8	
98	65.4	0.0	130.2	

Manual Integrations
 APPROVED

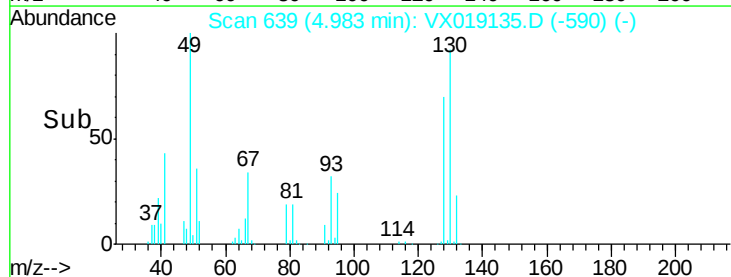
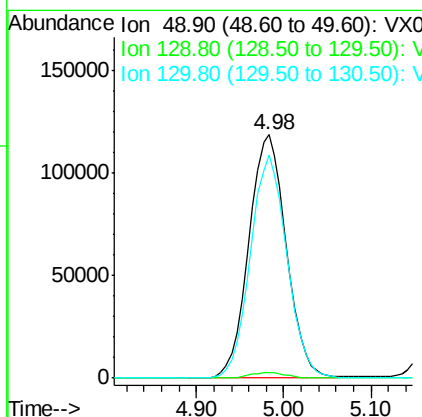
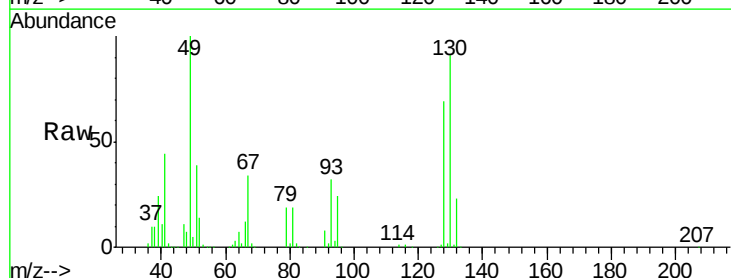
MMDadoda
 10/28/2020 12:33:03 PM

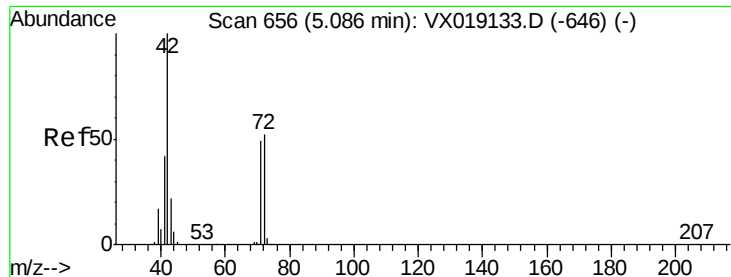


#28

Bromochloromethane
 Concen: 173.155 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	352879		
129	2.2	0.0	4.4	
130	89.9	71.3	106.9	





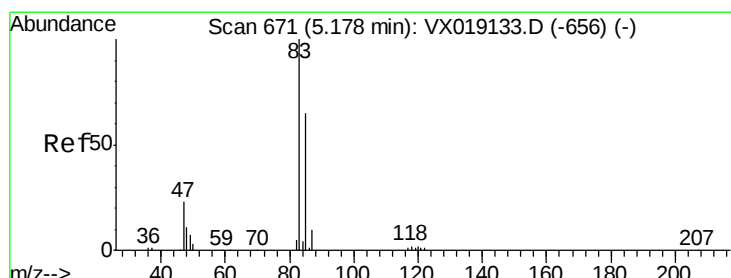
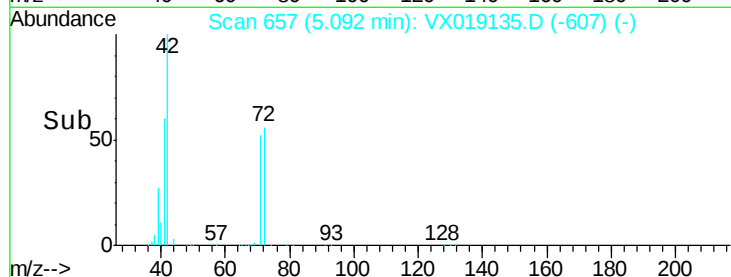
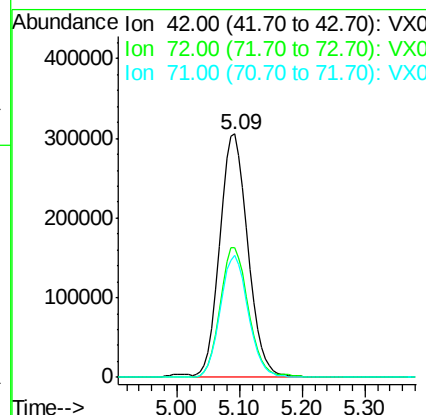
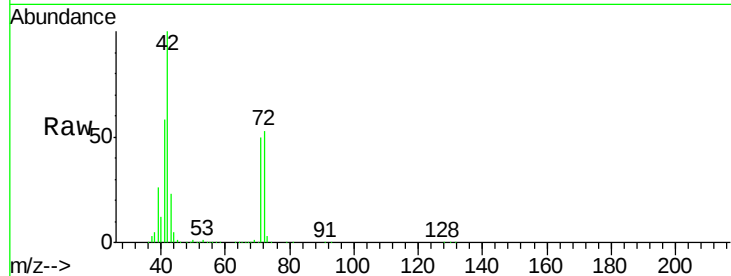
#29
Tetrahydrofuran
Concen: 861.004 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.1	42.6	63.8
71	49.8	39.7	59.5

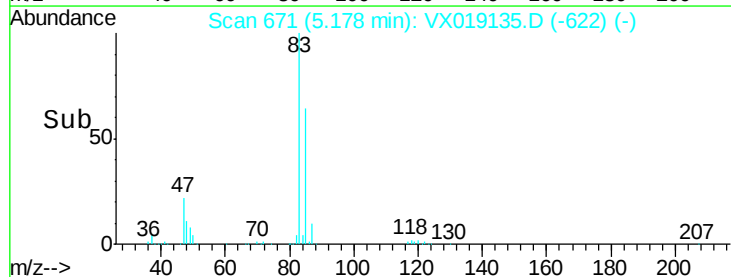
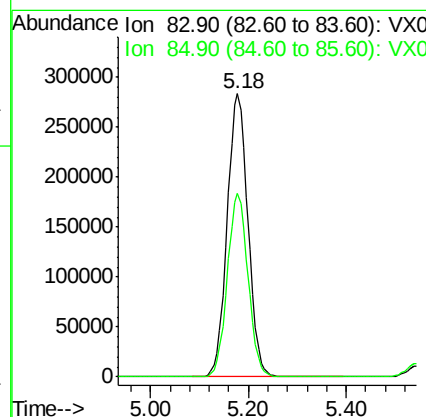
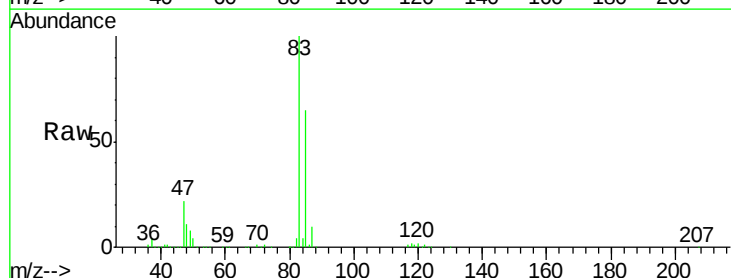
Manual Integrations
APPROVED

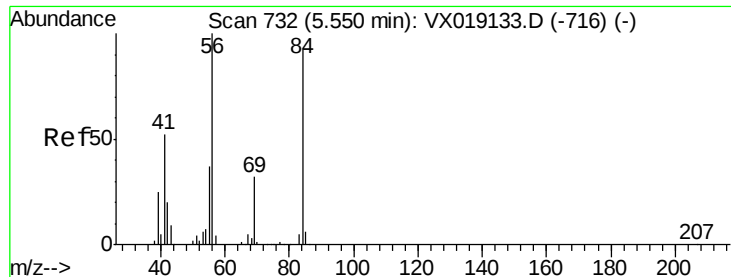
MMDadoda
10/28/2020 12:33:03 PM



#30
Chloroform
Concen: 159.514 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





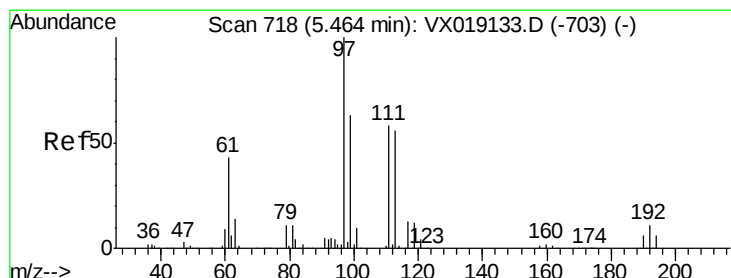
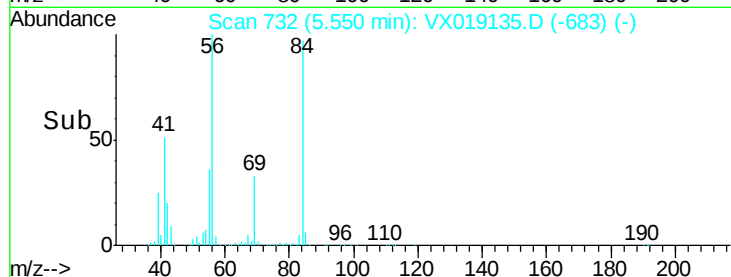
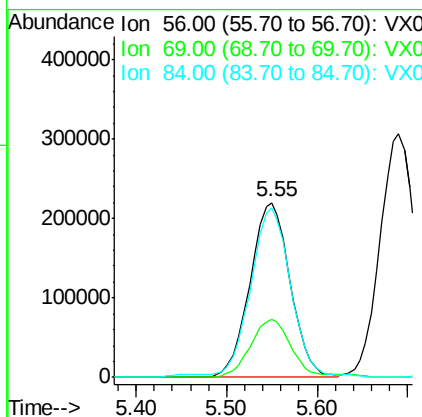
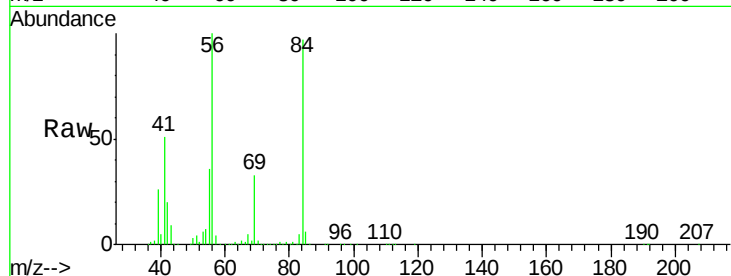
#31
Cvclohexane
Concen: 161.749 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.9	38.9
84	95.4	73.4	110.2

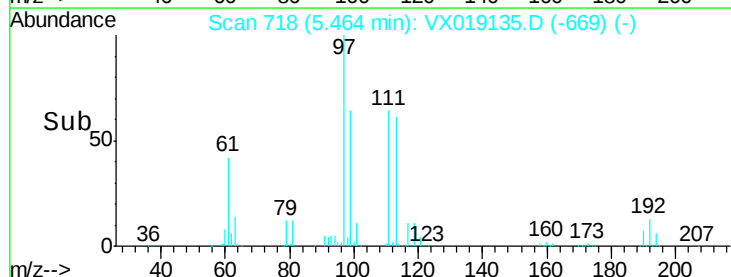
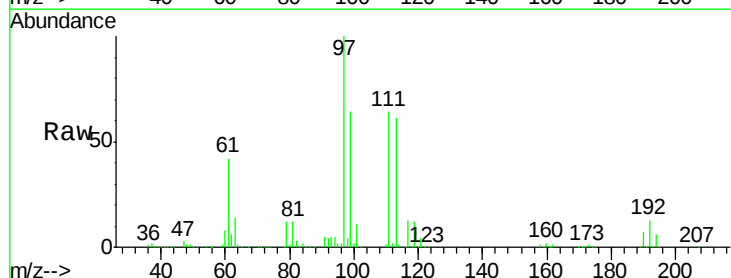
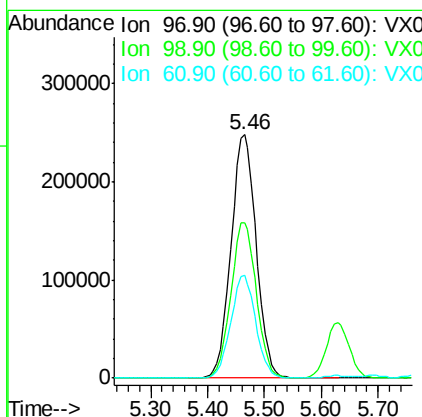
Manual Integrations
APPROVED

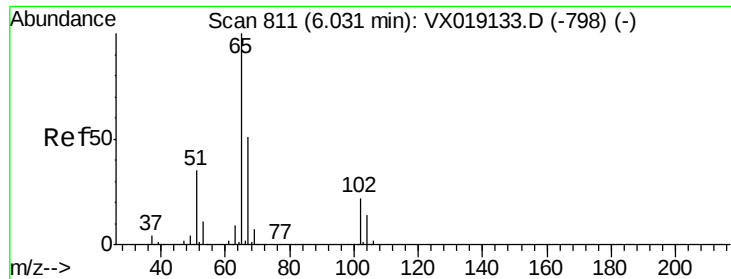
MMDadoda
10/28/2020 12:33:03 PM



#32
1,1,1-Trichloroethane
Concen: 164.859 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	41.9	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 162.288 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 533796

Ion Ratio Lower Upper

65 100

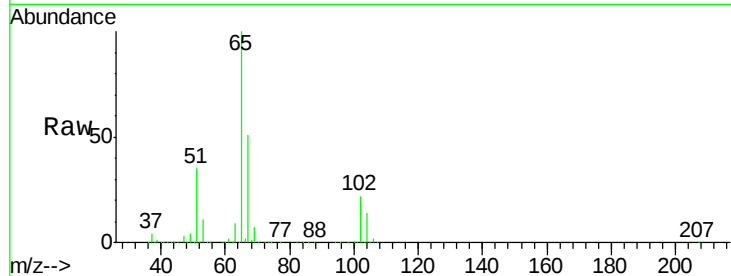
67 51.5 0.0 103.0

Manual Integrations

APPROVED

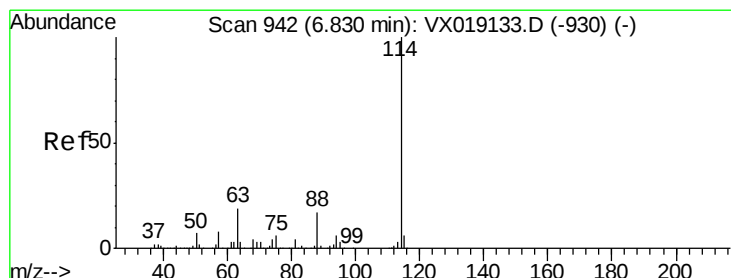
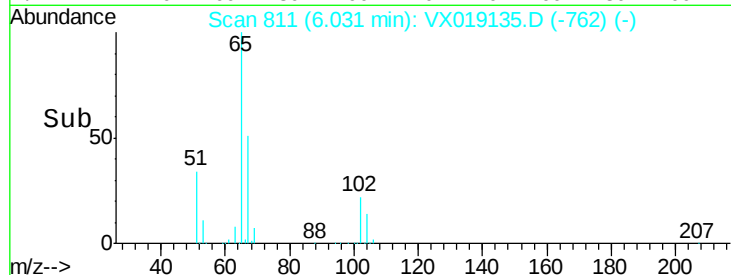
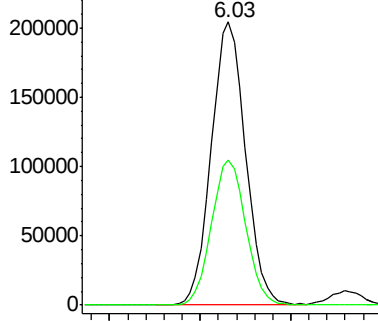
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX019135.D

Acq: 27 Oct 2020 13:25

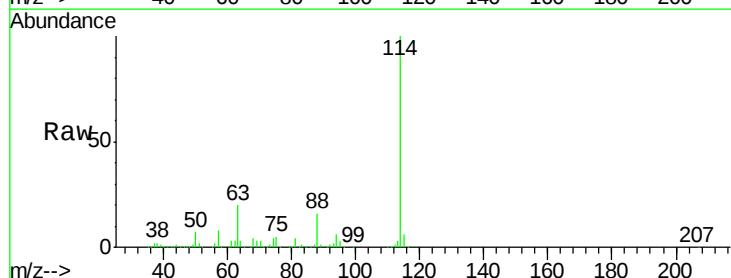
Tgt Ion: 114 Resp: 451457

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

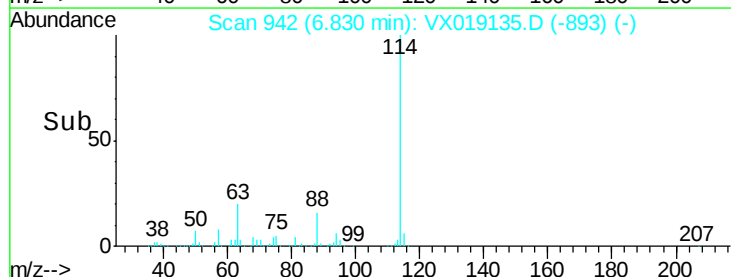
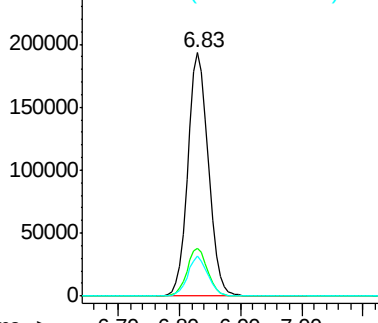
88 16.3 0.0 34.2

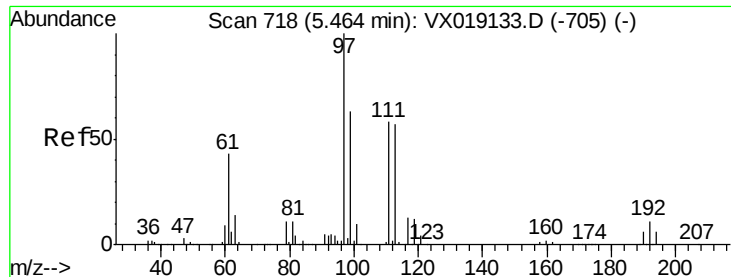


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





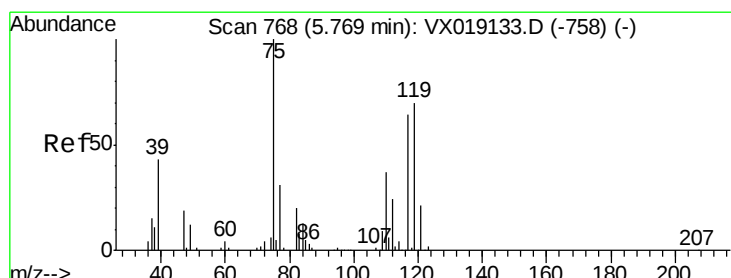
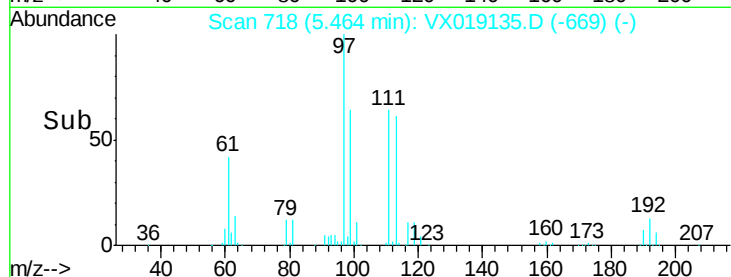
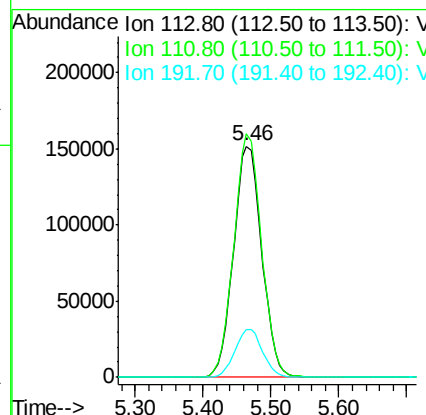
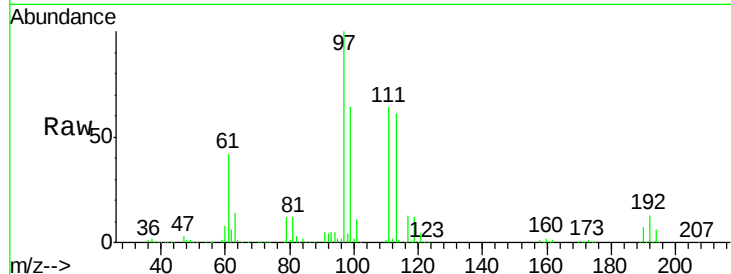
#35
Dibromofluoromethane
Concen: 158.101 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	438562		
111	103.3	82.3	123.5	
192	20.5	16.2	24.2	

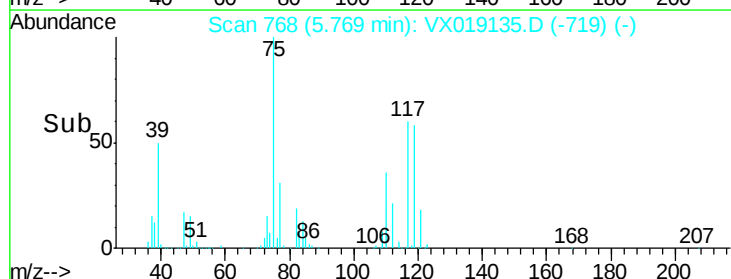
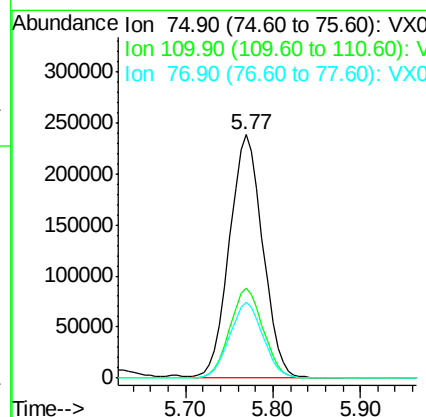
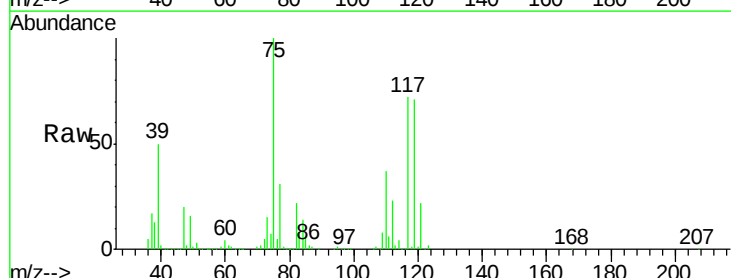
Manual Integrations
APPROVED

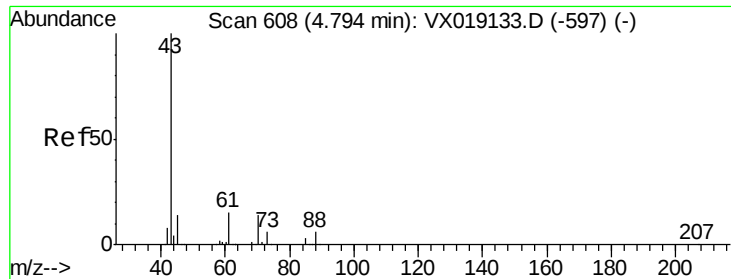
MMDadoda
10/28/2020 12:33:03 PM



#36
1,1-Dichloropropene
Concen: 159.042 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	629624		
110	37.0	18.3	54.9	
77	31.1	24.9	37.3	





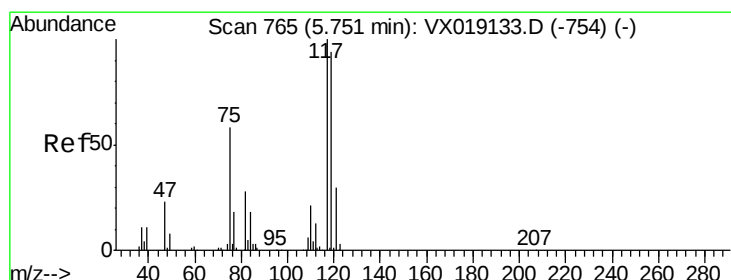
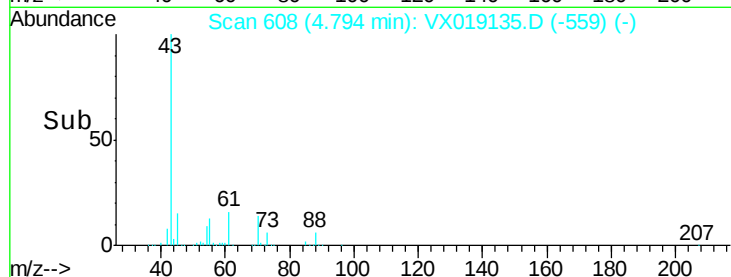
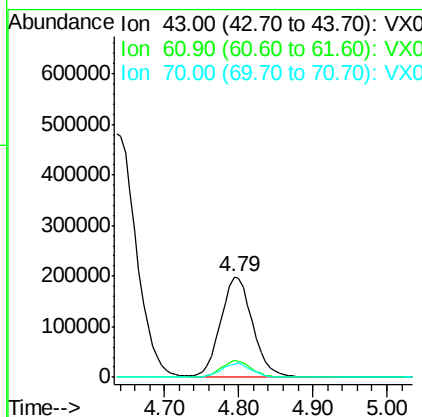
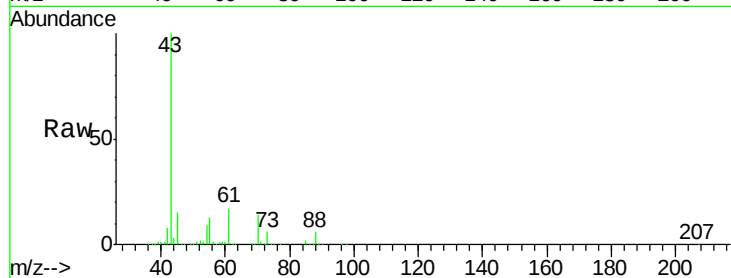
#37
Ethyl Acetate
Concen: 169.613 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.5	18.7
70	13.4	10.5	15.7

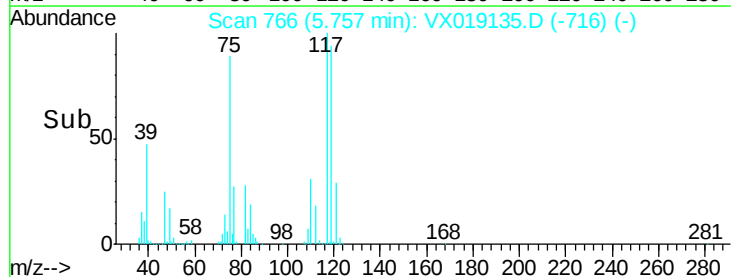
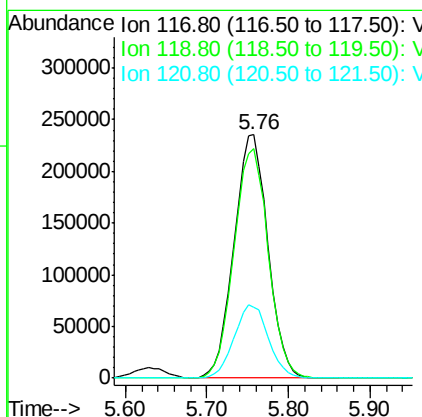
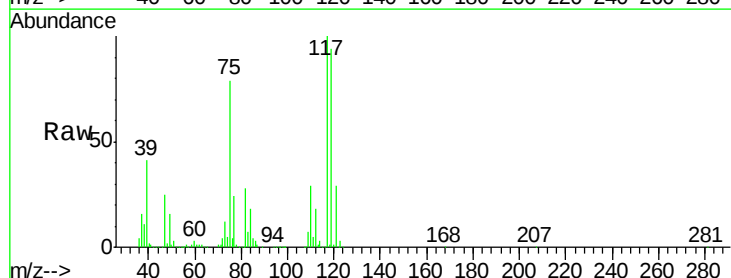
Manual Integrations
APPROVED

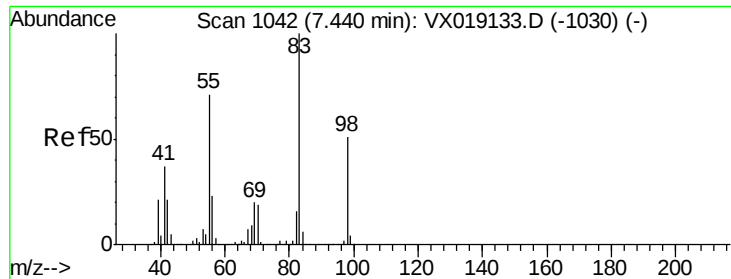
MMDadoda
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#38
Carbon Tetrachloride
Concen: 166.223 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
121	29.2	23.9	35.9





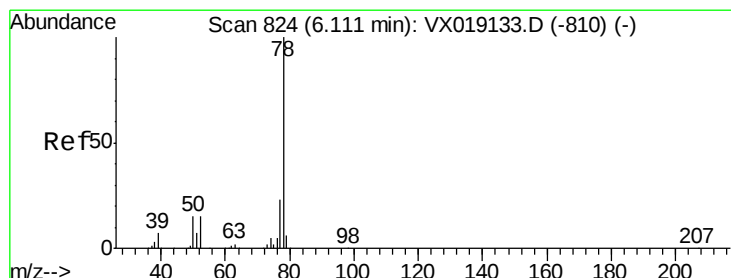
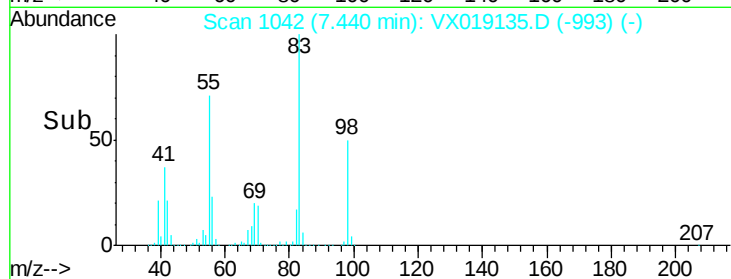
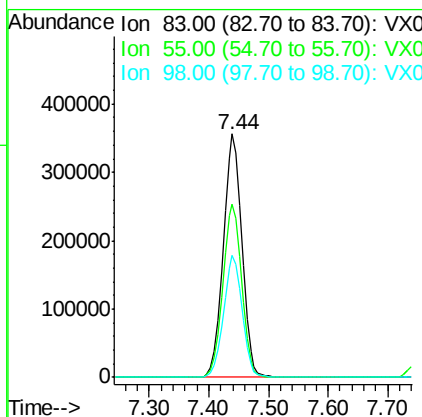
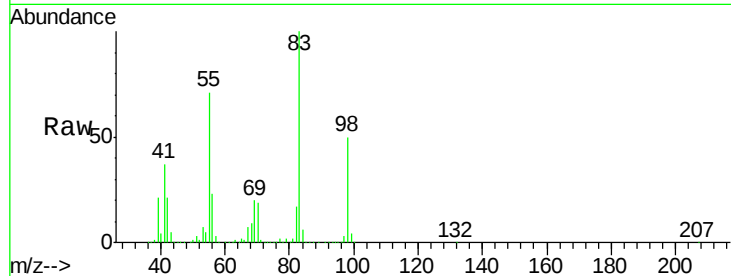
#39
Methvlcvclohexane
Concen: 159.824 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	775738		
55	71.1		57.0	85.6
98	50.1		40.5	60.7

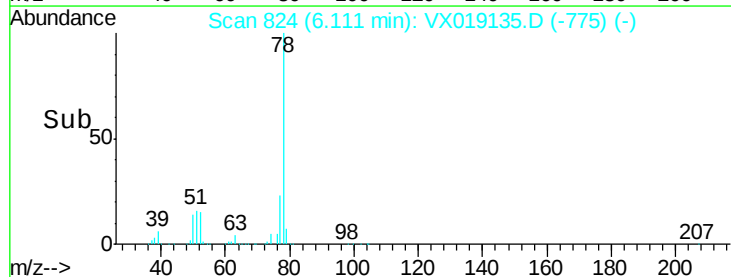
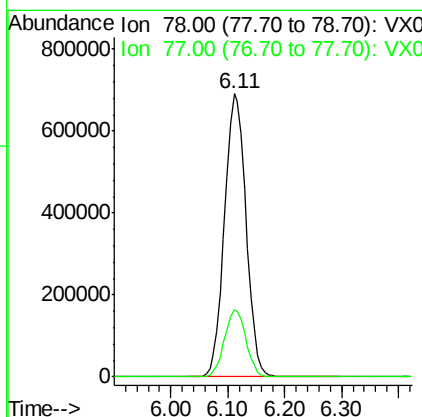
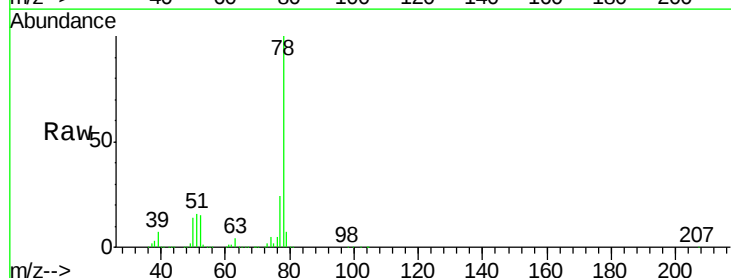
Manual Integrations
APPROVED

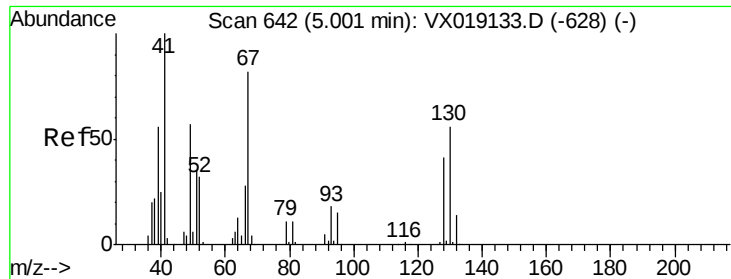
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#40
Benzene
Concen: 157.058 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1822557		
77	23.6		18.7	28.1





#41

Methacrylonitrile

Concen: 174.941 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

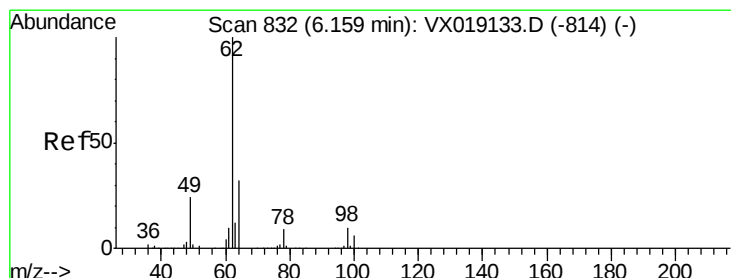
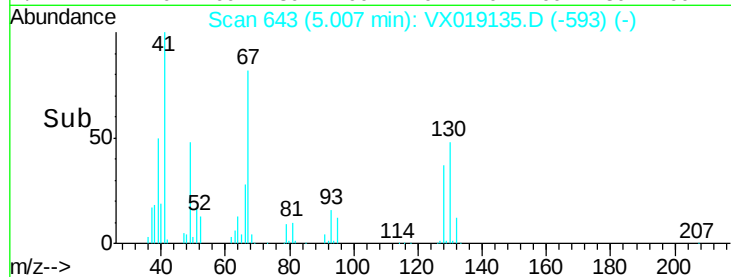
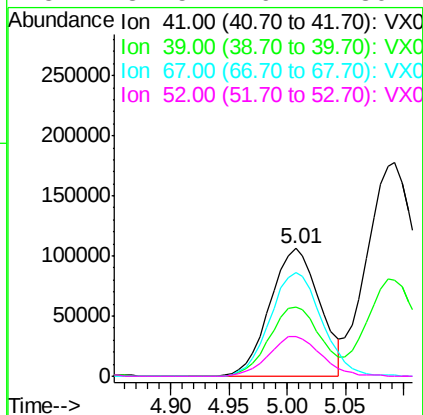
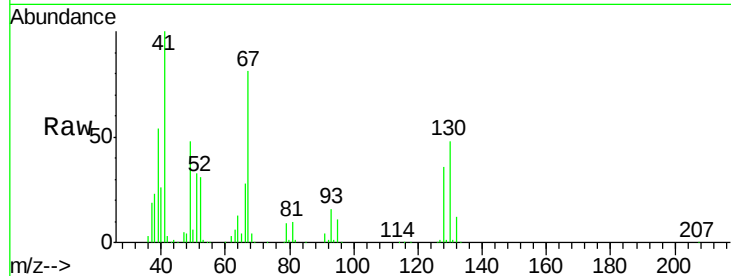
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		315353		
39	56.8	44.4	66.6		
67	84.6	66.4	99.6		
52	32.5	26.2	39.4		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 167.329 ug/l

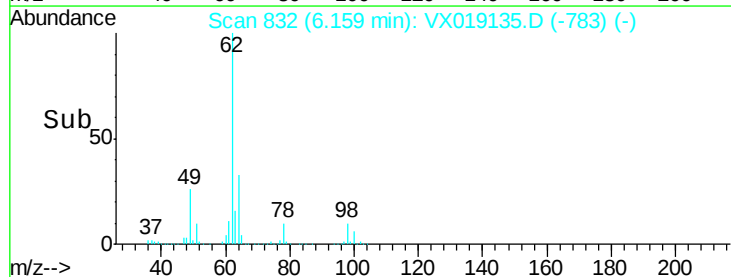
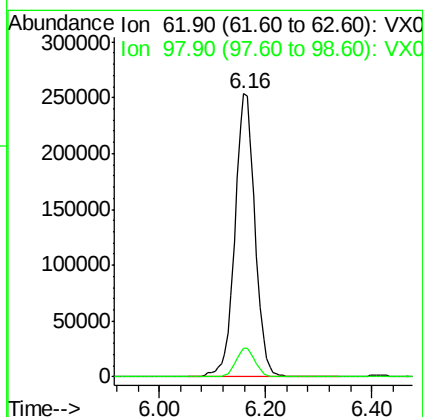
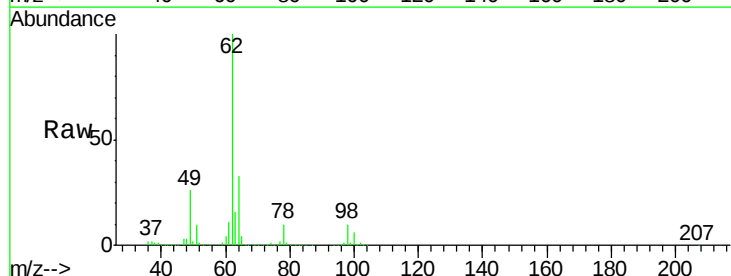
RT: 6.16 min Scan# 832

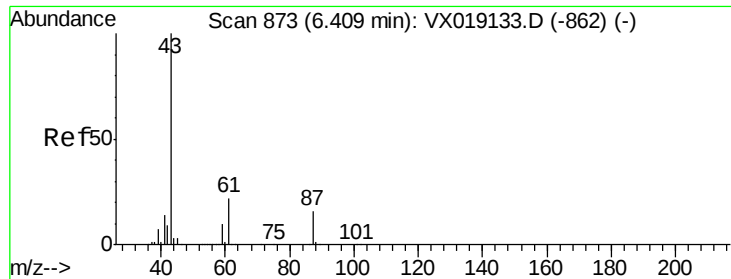
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		663686		
98	9.8	0.0	19.0		





#43

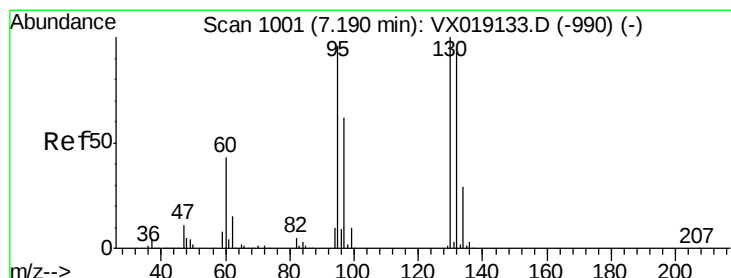
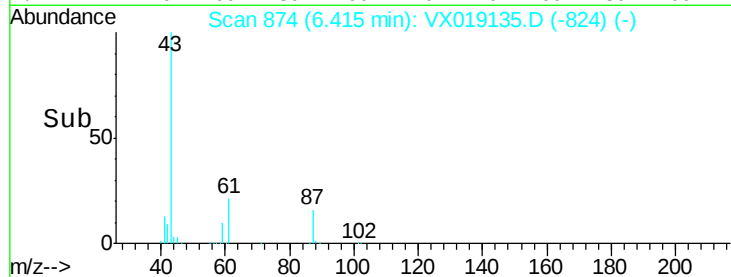
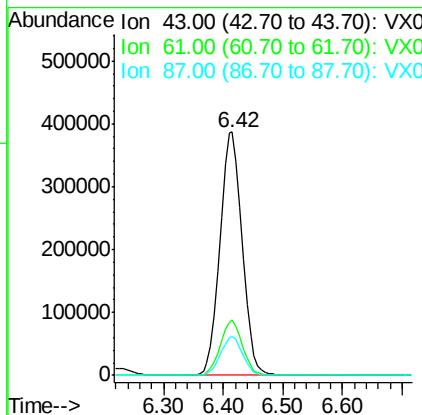
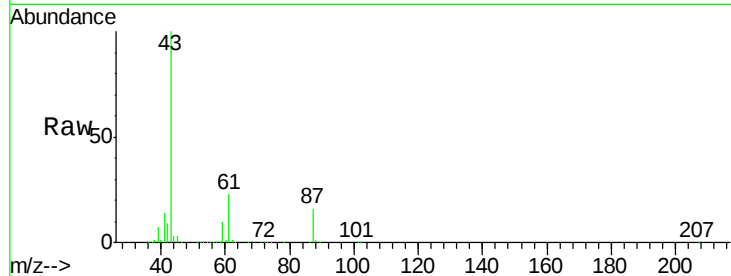
Isopropyl Acetate
 Concen: 174.882 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.8	26.6
87	16.0	12.6	19.0

Manual Integrations
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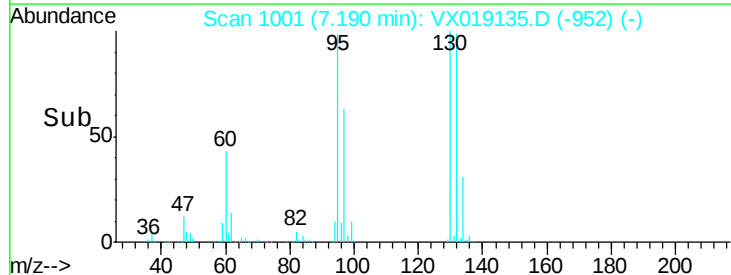
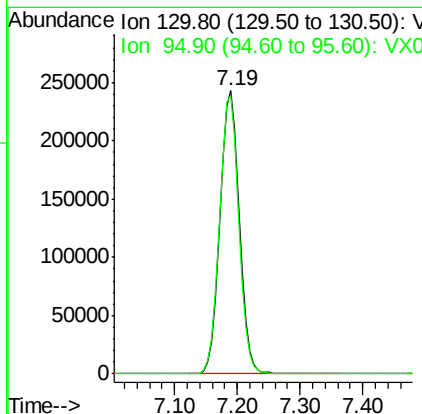
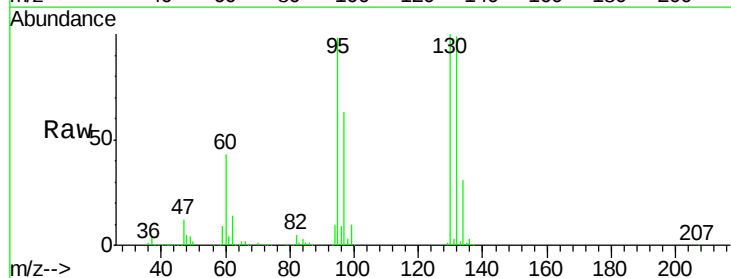
MMDadoda
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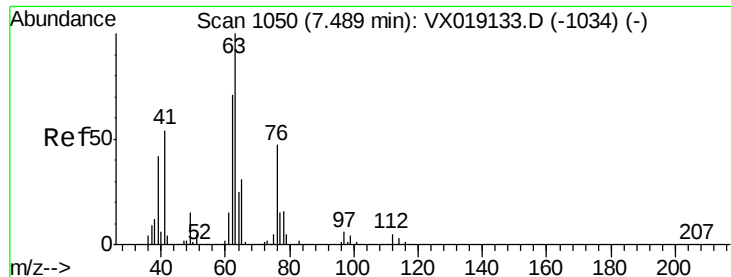


#44

Trichloroethene
 Concen: 156.300 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 166.221 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 453642

Ion Ratio Lower Upper

63 100

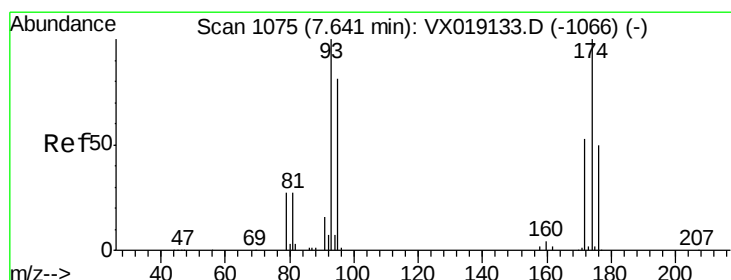
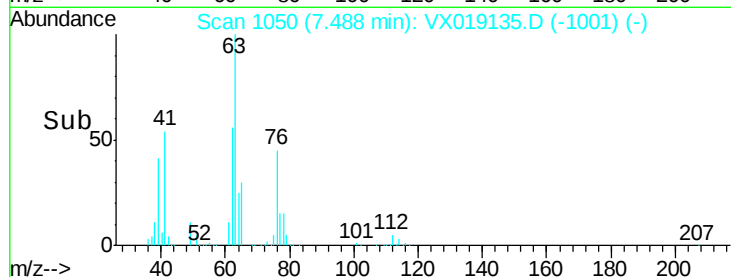
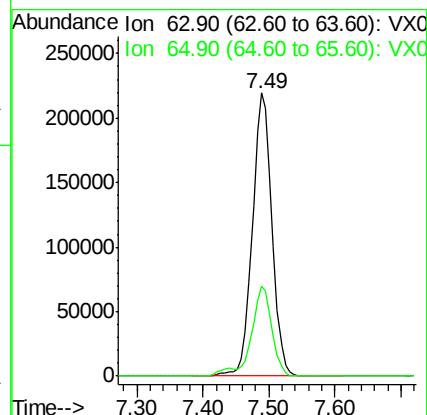
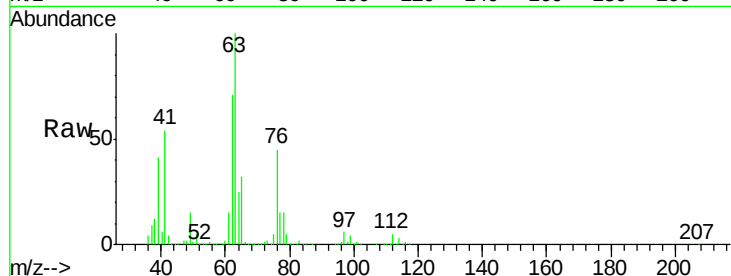
65 31.7 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 160.577 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

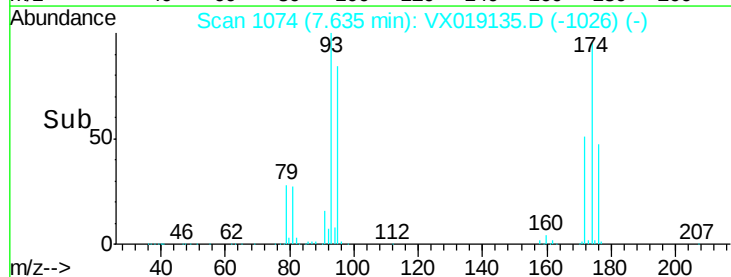
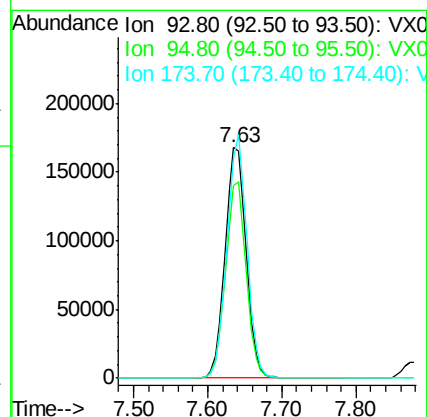
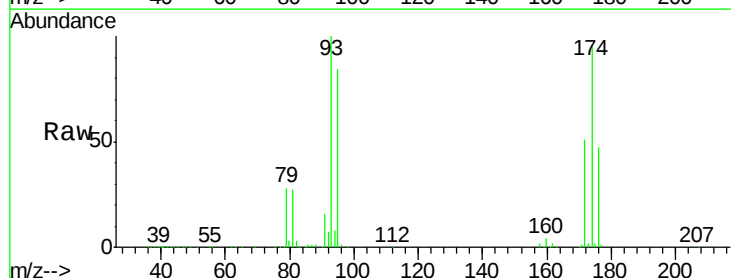
Tgt Ion: 93 Resp: 330167

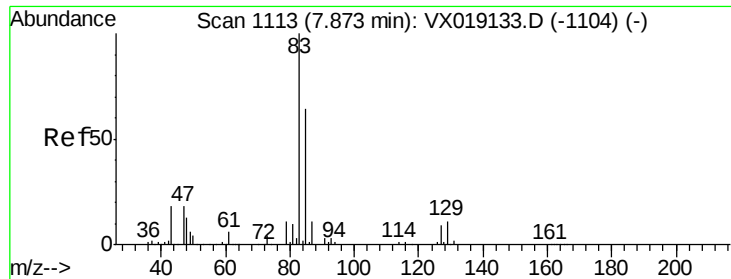
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 101.1 81.7 122.5





#47

Bromodichloromethane

Concen: 168.936 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

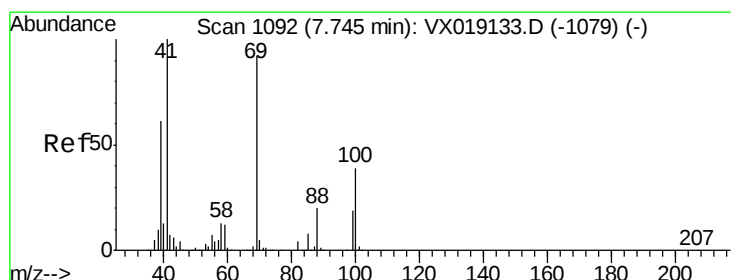
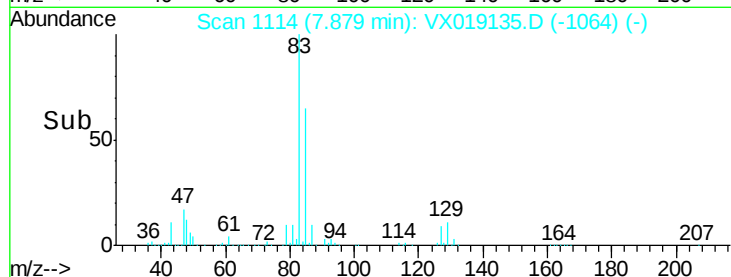
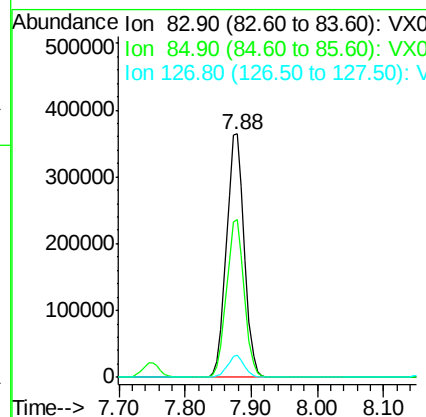
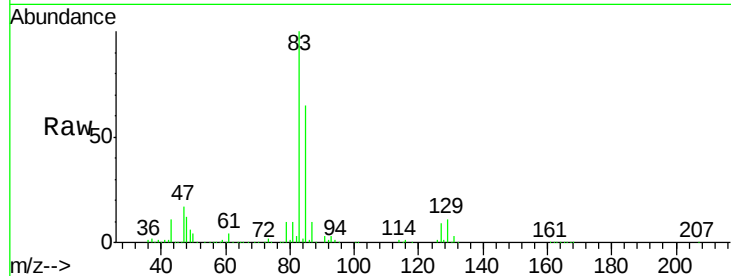
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	679315
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.2	76.8
127	8.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 182.869 ug/l

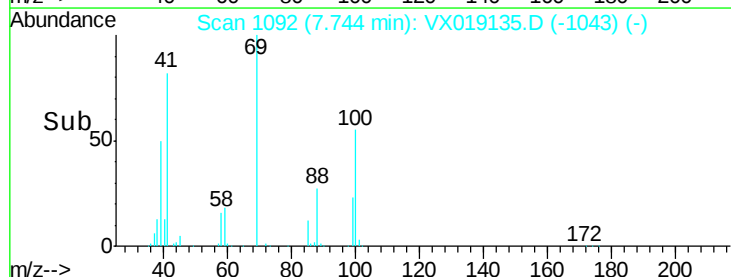
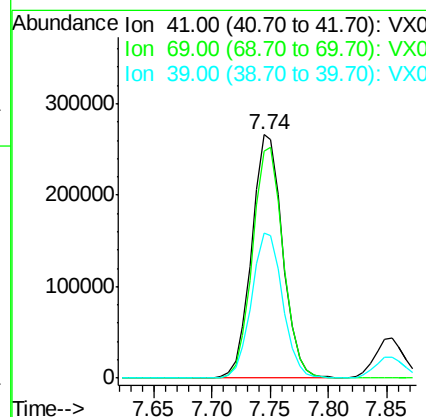
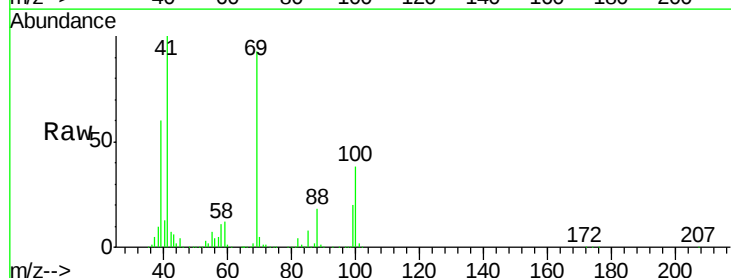
RT: 7.74 min Scan# 1092

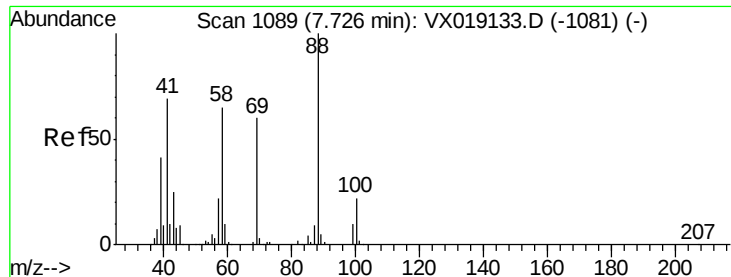
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion:	41	Resp:	492747
Ion Ratio	Lower	Upper	
41	100		
69	94.6	75.5	113.3
39	60.1	48.9	73.3





#49

1,4-Dioxane

Concen: 3234.520 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 88 Resp: 224859

Ion Ratio Lower Upper

88 100

43 28.8 23.0 34.6

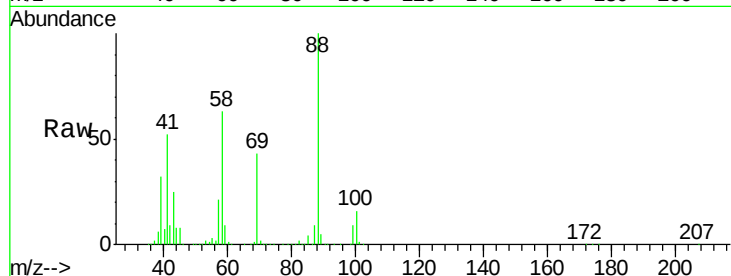
58 65.1 52.2 78.2

Manual Integrations

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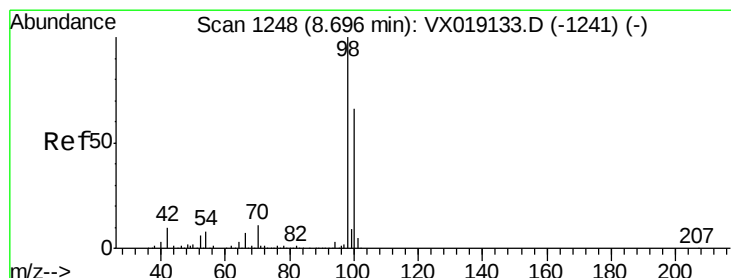
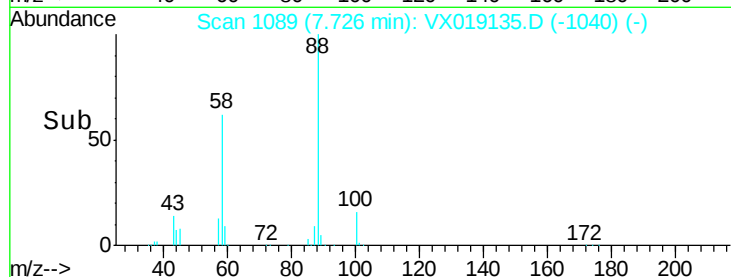
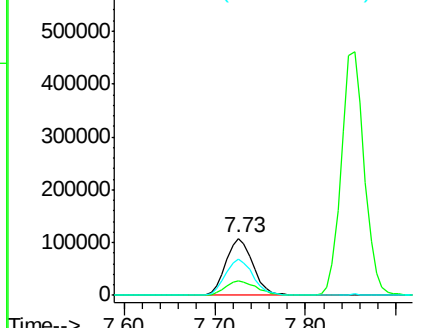
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Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 152.594 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019135.D

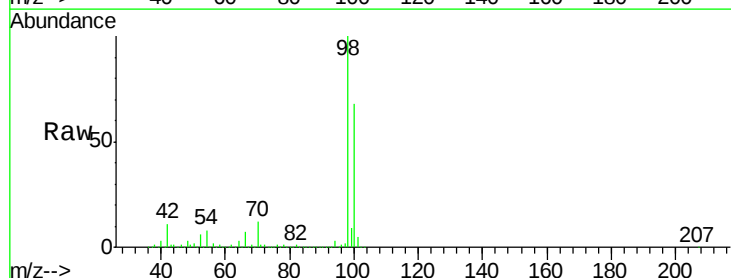
Acq: 27 Oct 2020 13:25

Tgt Ion: 98 Resp: 1631630

Ion Ratio Lower Upper

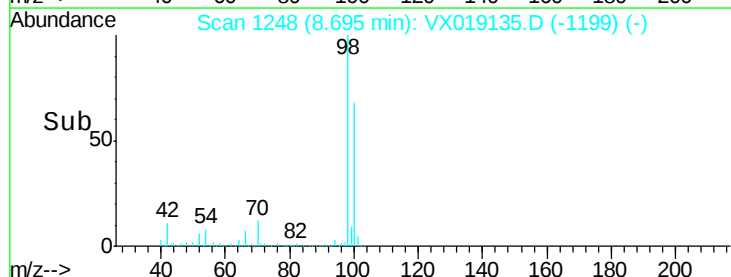
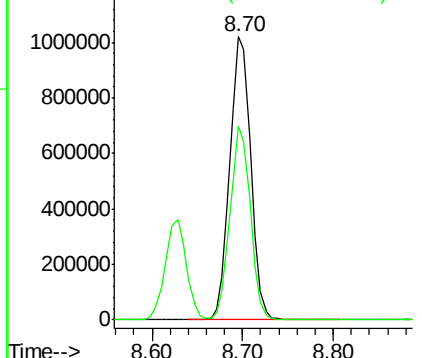
98 100

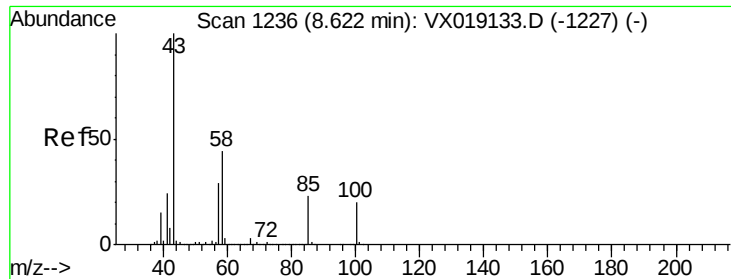
100 66.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 864.680 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2886316

Ion Ratio Lower Upper

43 100

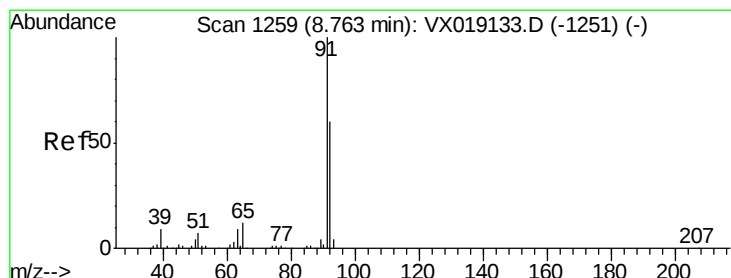
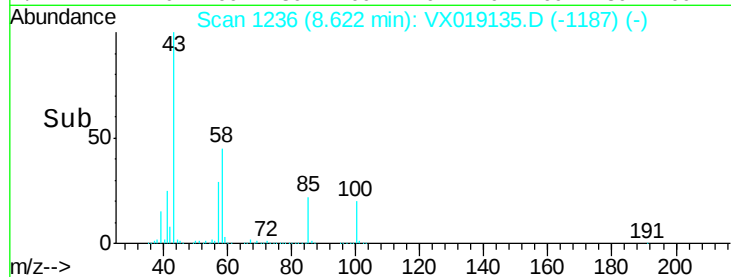
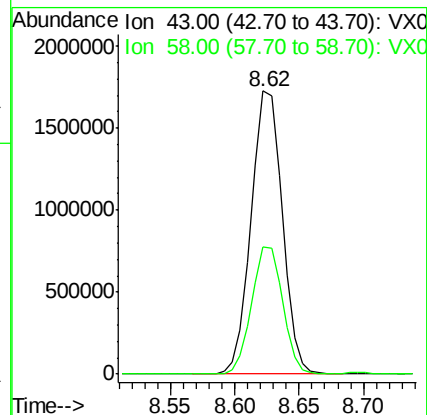
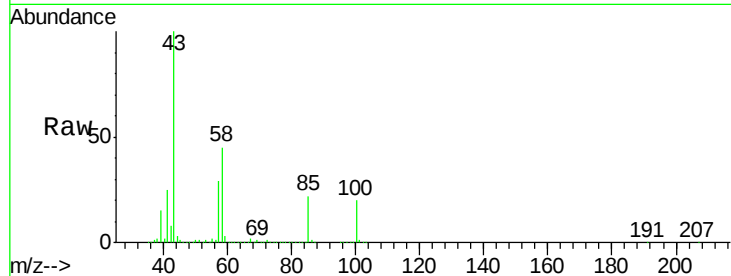
58 44.7 35.0 52.4

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#52

Toluene

Concen: 158.581 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019135.D

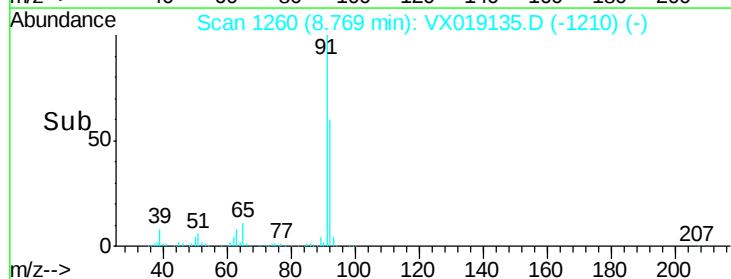
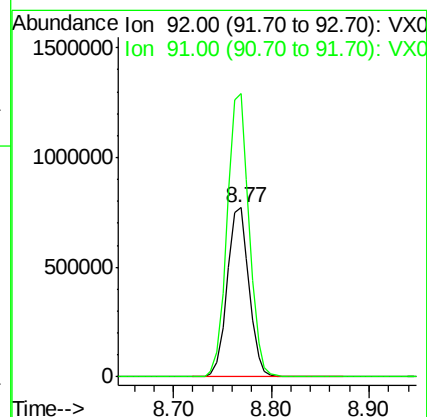
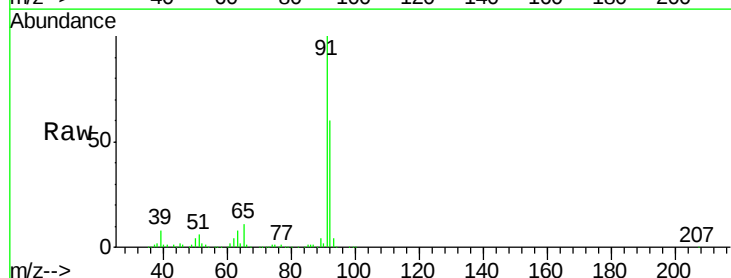
Acq: 27 Oct 2020 13:25

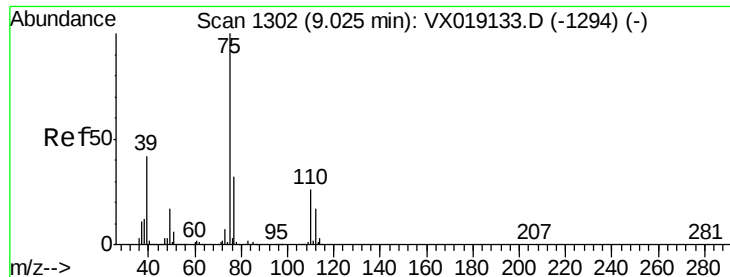
Tgt Ion: 92 Resp: 1190363

Ion Ratio Lower Upper

92 100

91 168.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 172.889 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 768401

Ion Ratio Lower Upper

75 100

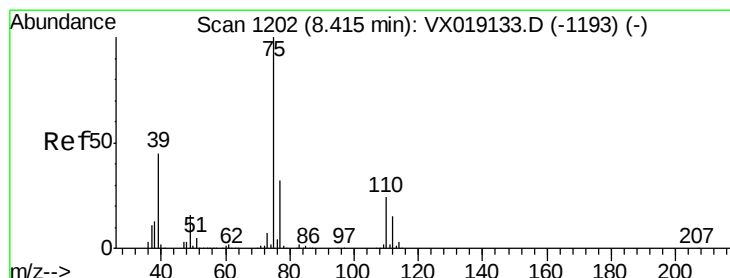
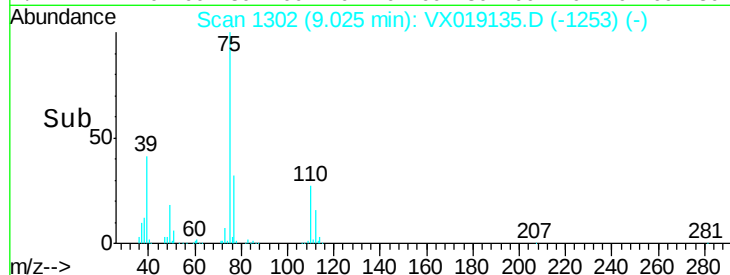
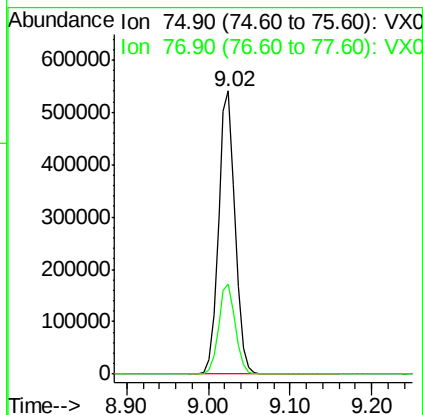
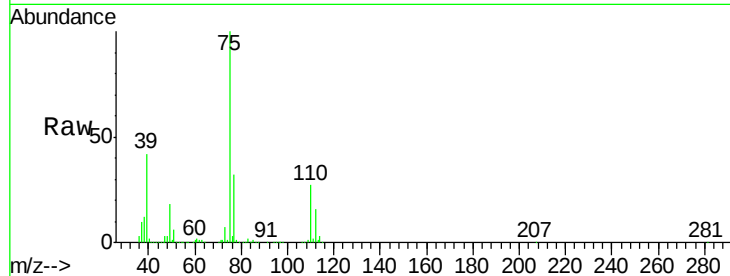
77 32.0 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 168.724 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

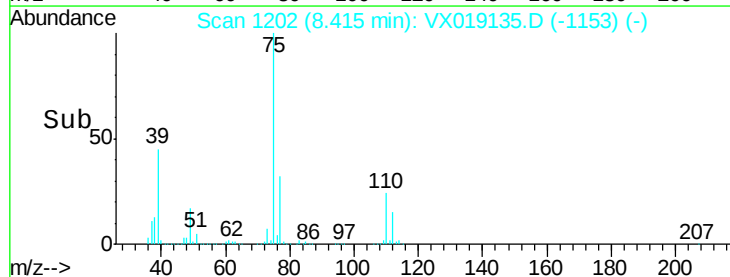
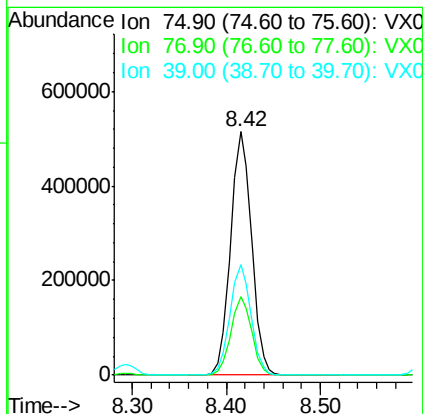
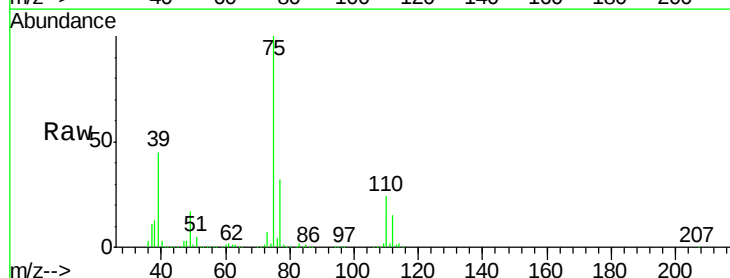
Tgt Ion: 75 Resp: 798611

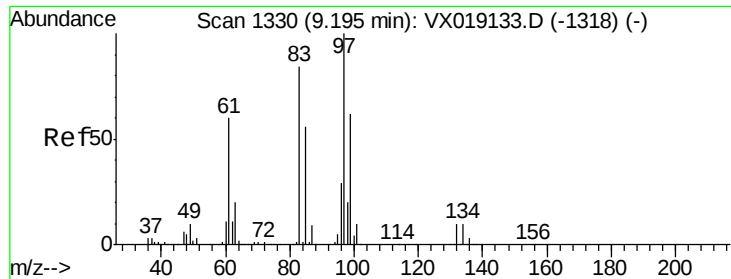
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 45.4 36.2 54.2





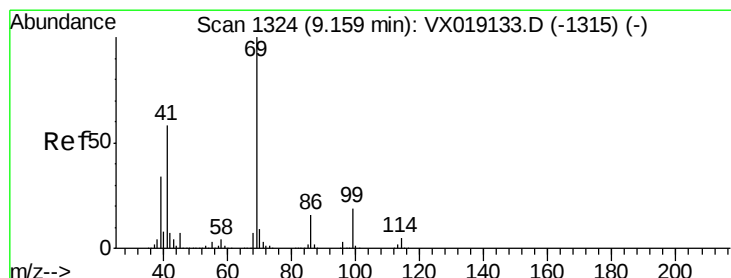
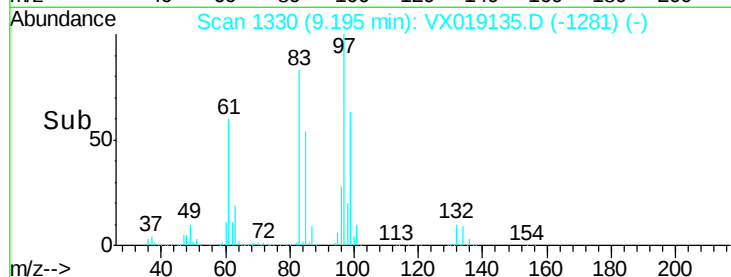
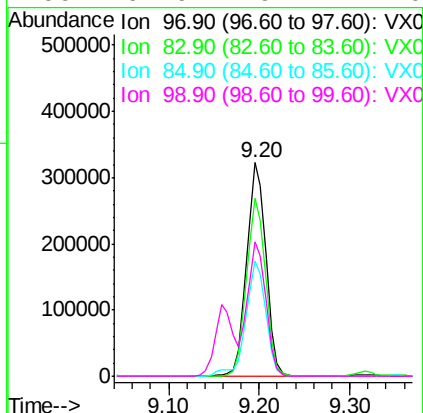
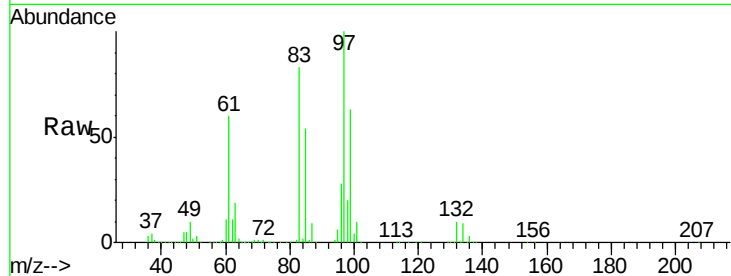
#55
 1,1,2-Trichloroethane
 Concen: 158.796 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		474585		
83	83.1	67.2	100.8		
85	54.0	44.6	67.0		
99	62.9	49.4	74.0		

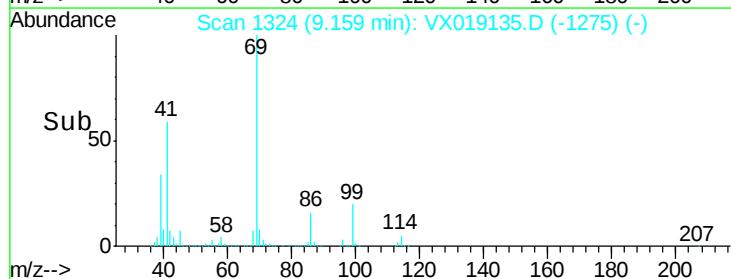
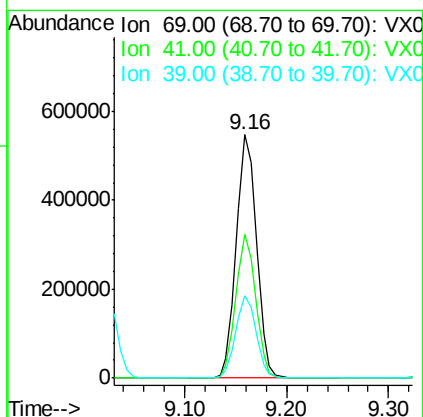
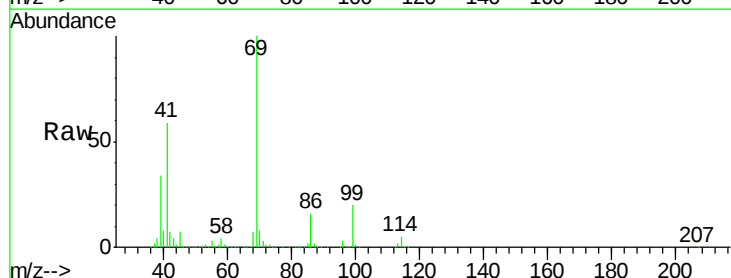
Manual Integrations
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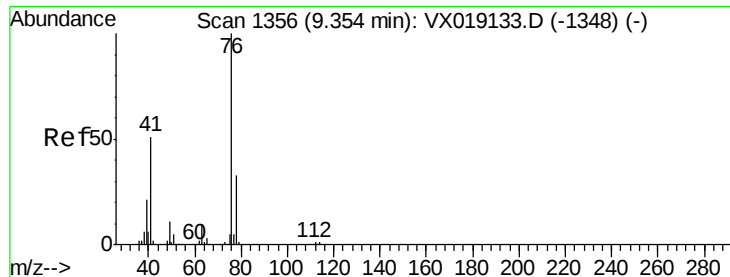
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 173.571 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		748896		
41	58.1	46.5	69.7		
39	33.9	27.6	41.4		





#57

1,3-Dichloropropane

Concen: 158.589 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 776097

Ion Ratio Lower Upper

76 100

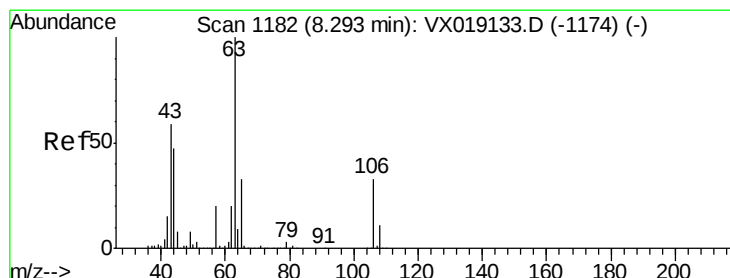
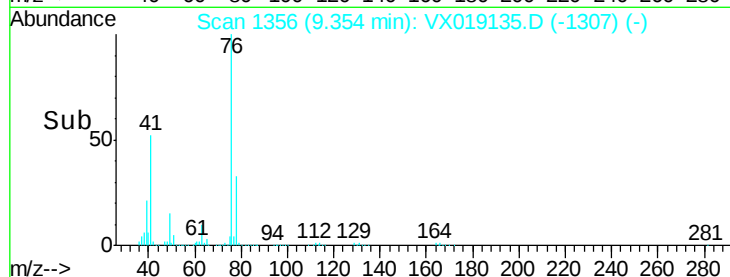
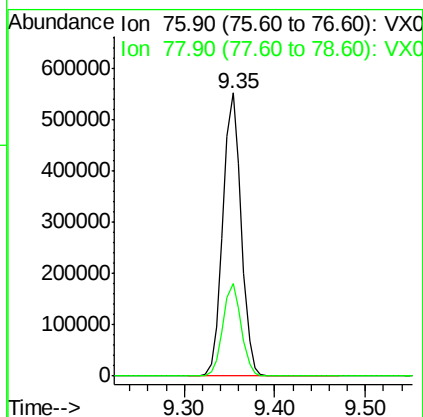
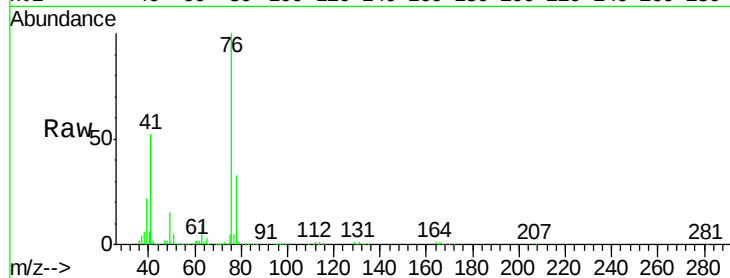
78 32.6 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 812.317 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019135.D

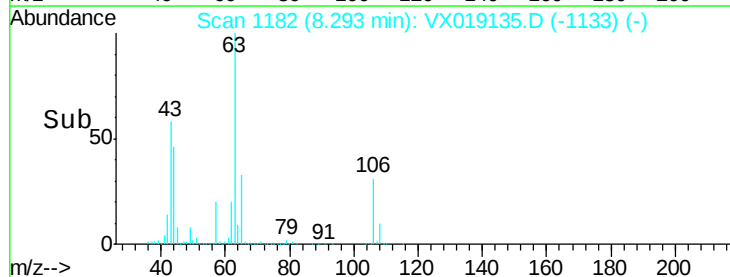
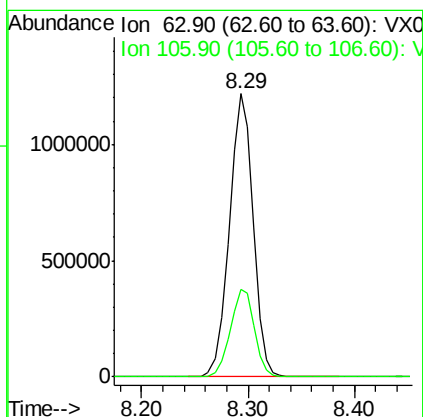
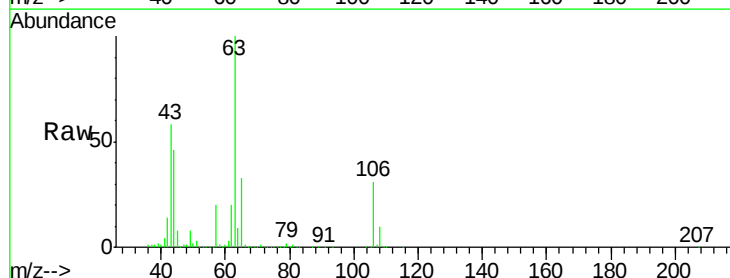
Acq: 27 Oct 2020 13:25

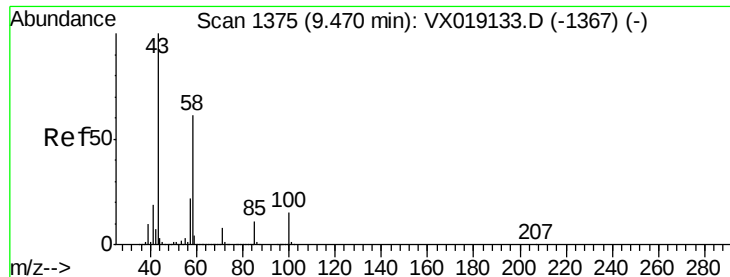
Tgt Ion: 63 Resp: 1898526

Ion Ratio Lower Upper

63 100

106 31.5 25.1 37.7





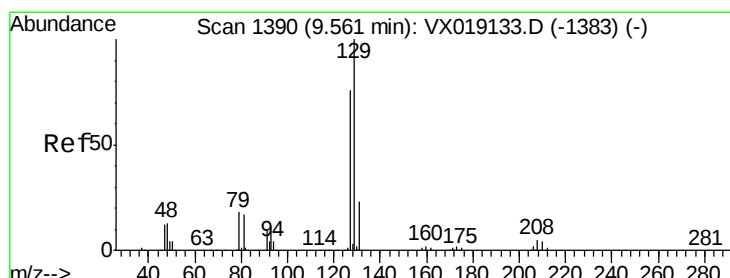
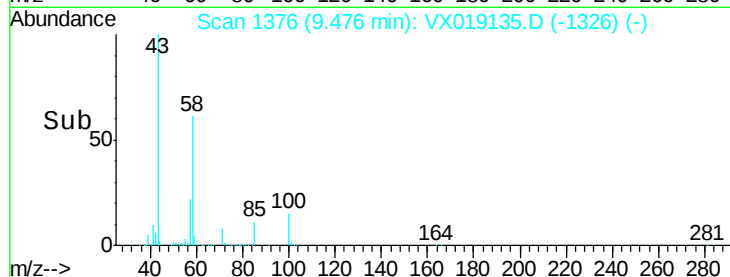
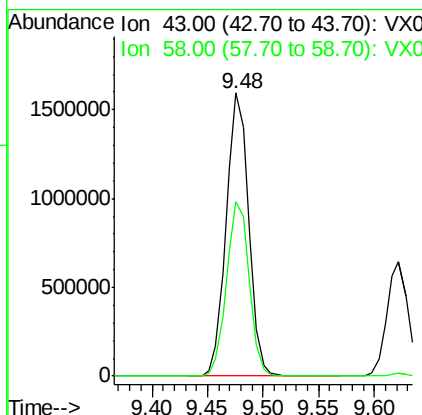
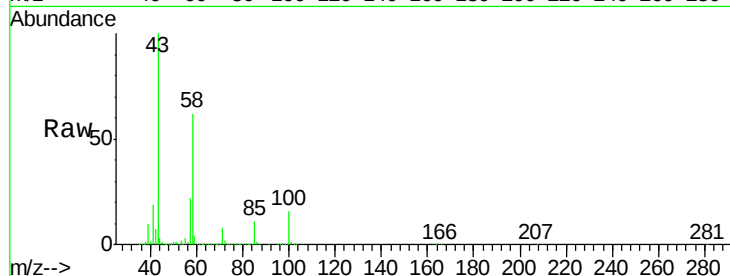
#59
2-Hexanone
Concen: 878.406 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2230499
Ion Ratio Lower Upper
43 100
58 62.0 30.5 91.5

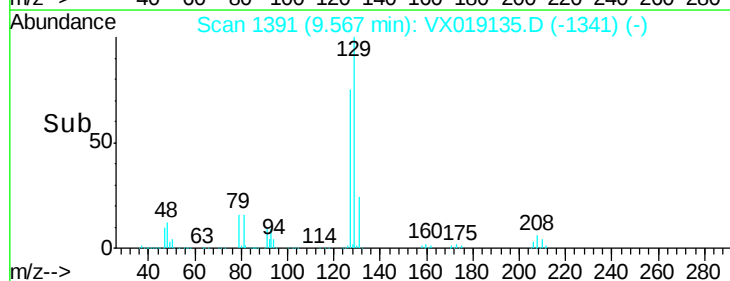
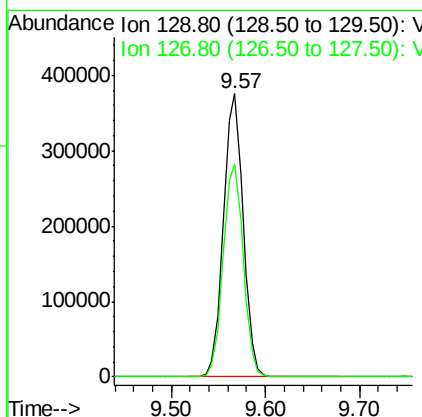
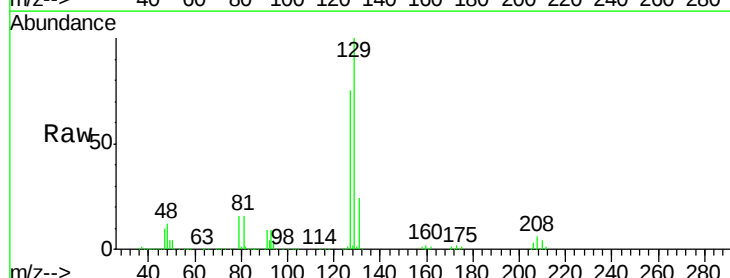
Manual Integrations
APPROVED

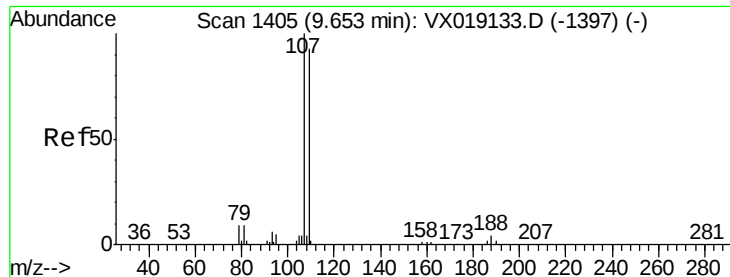
MMDadoda
10/28/2020 12:33:03 PM



#60
Dibromochloromethane
Concen: 171.186 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 129 Resp: 545351
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 159.877 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 507003

Ion Ratio Lower Upper

107 100

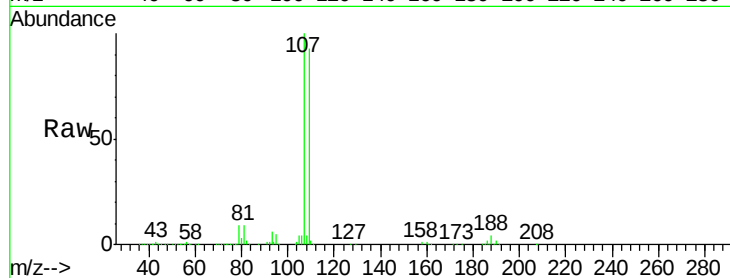
109 93.9 75.9 113.9

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

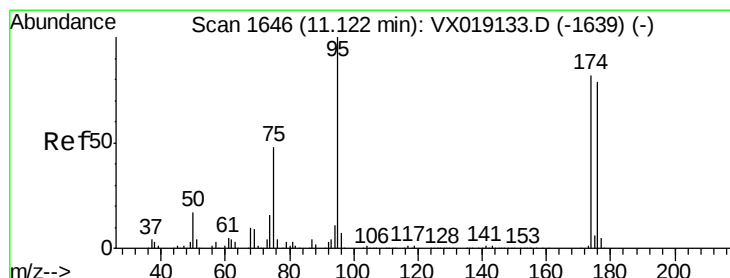
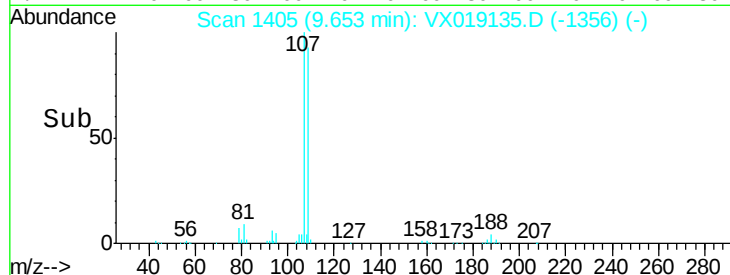
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 171.145 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

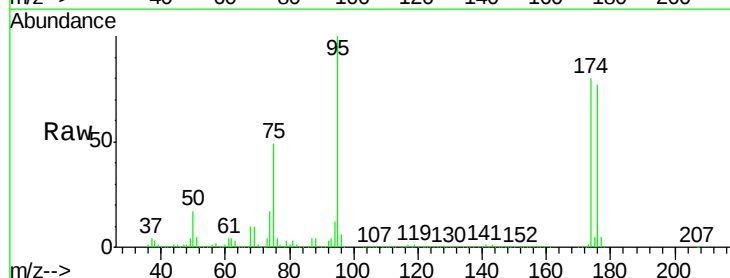
Tgt Ion: 95 Resp: 652982

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.0

176 76.3 0.0 149.8



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

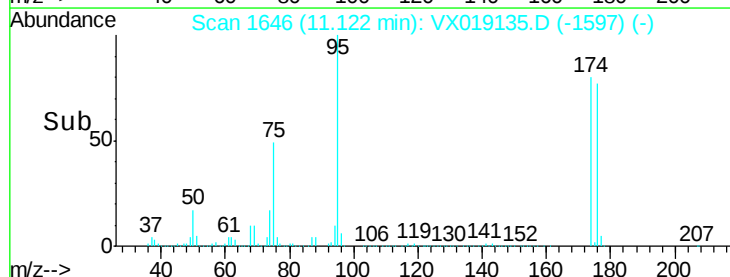
600000

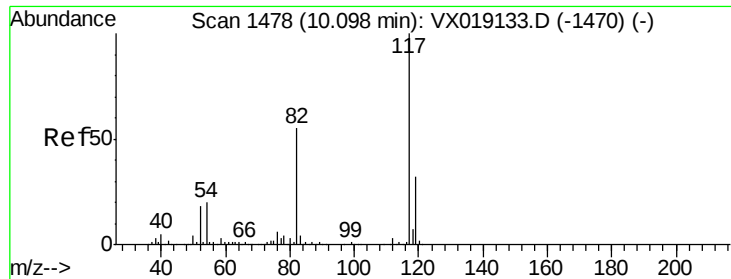
400000

200000

0

Time-->





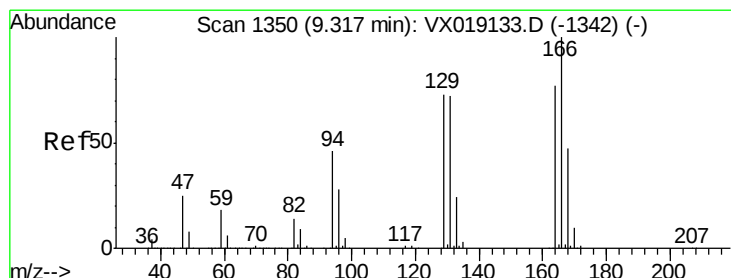
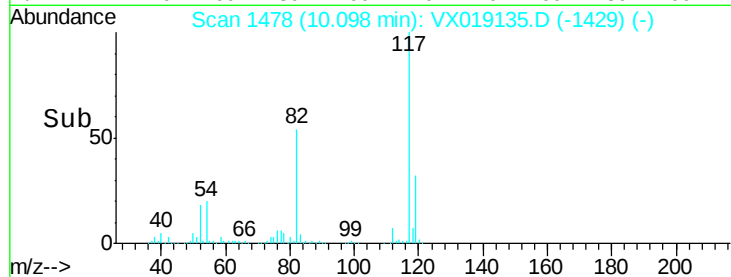
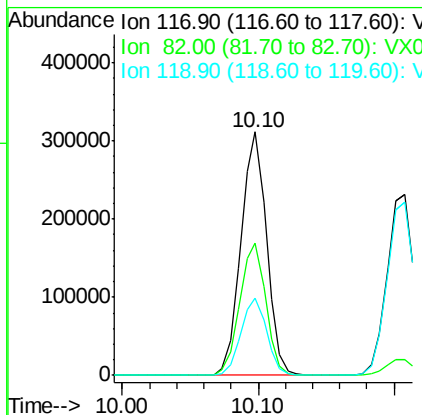
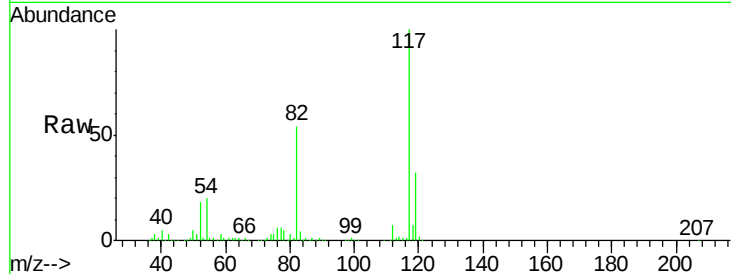
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	410256		
82	54.4	43.6	65.4	
119	31.9	25.5	38.3	

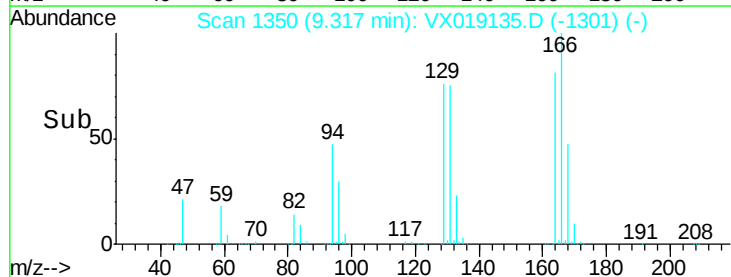
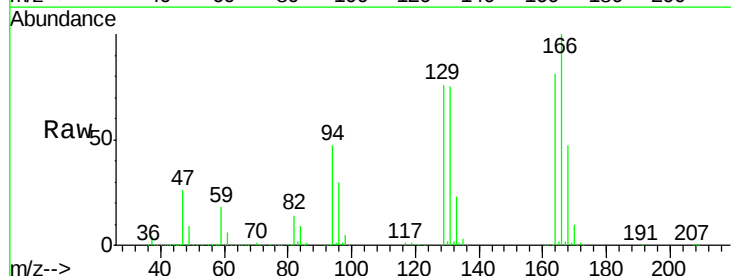
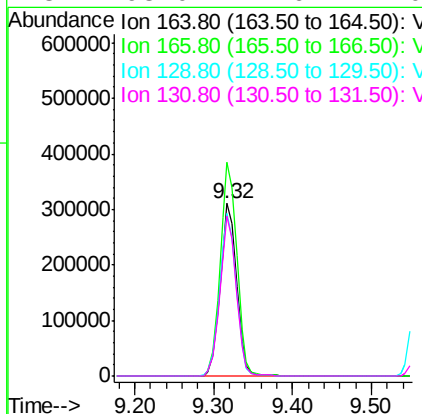
Manual Integrations
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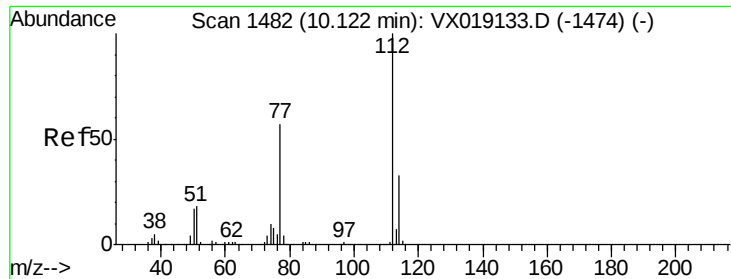
MMDadoda
10/28/2020 12:33:03 PM



#64
Tetrachloroethene
Concen: 143.788 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	449612		
166	123.9	104.1	156.1	
129	94.0	76.2	114.4	
131	93.0	74.6	112.0	





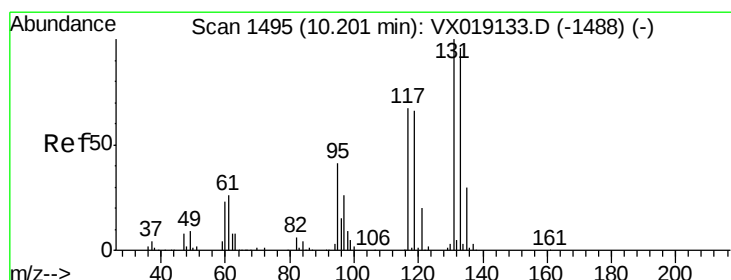
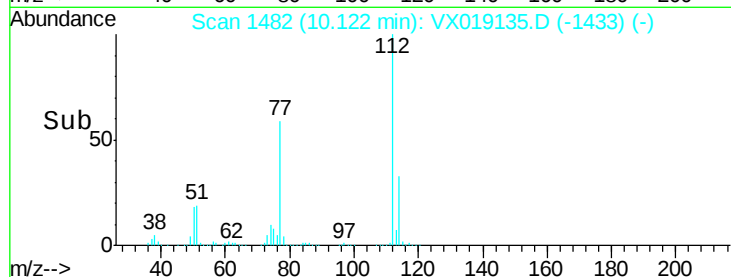
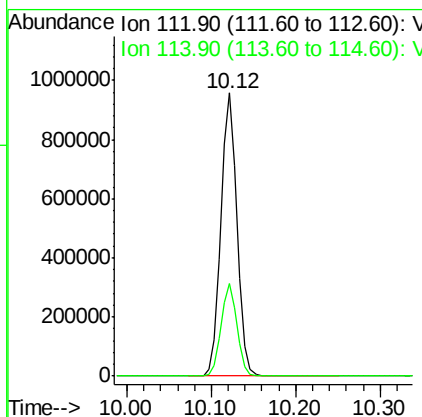
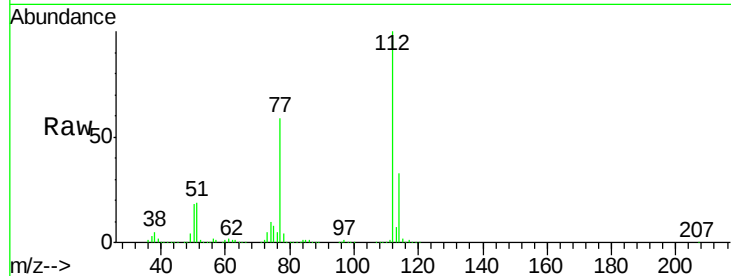
#65
Chlorobenzene
Concen: 154.791 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1268094
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1

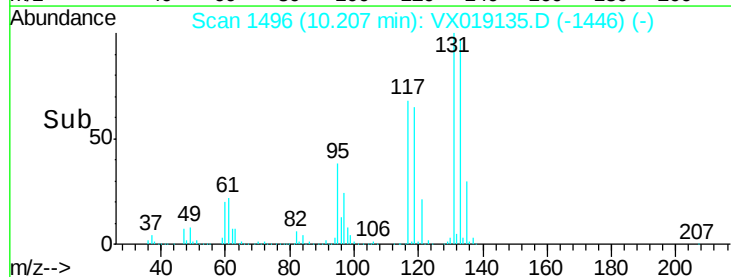
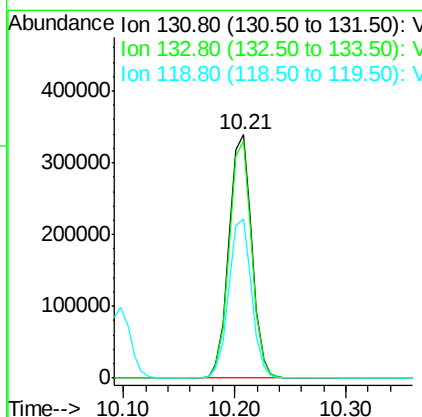
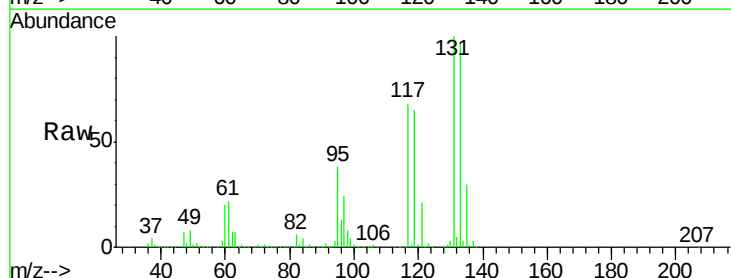
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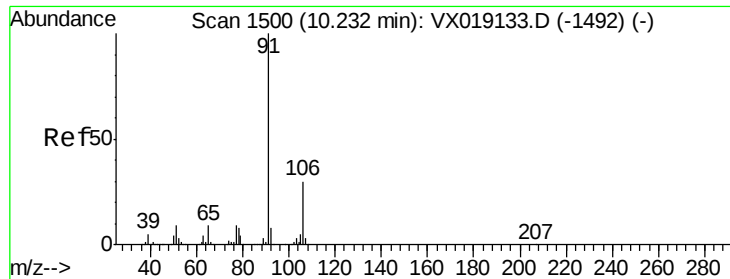
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 163.870 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion:131 Resp: 480147
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 65.4 32.3 96.9





#67

Ethyl Benzene

Concen: 159.049 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2280360

Ion Ratio Lower Upper

91 100

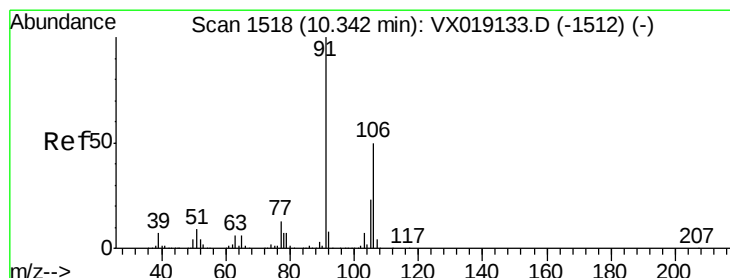
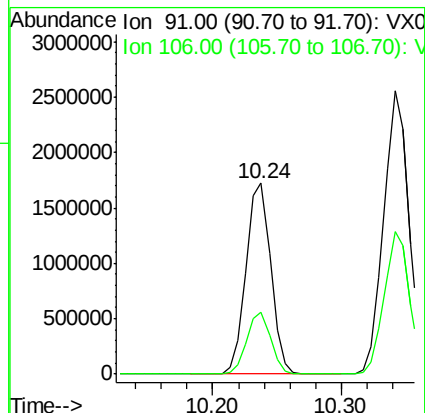
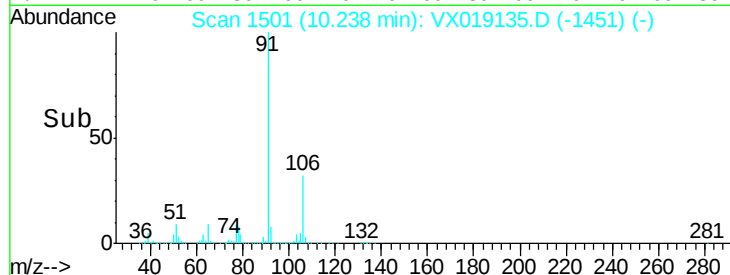
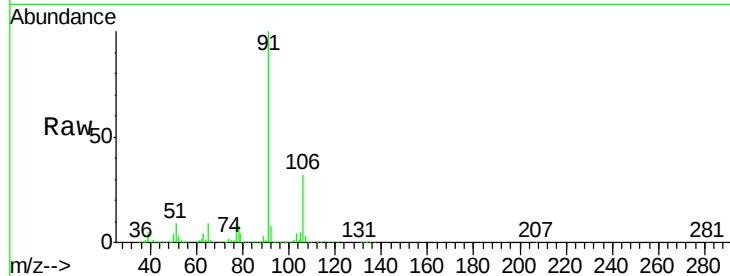
106 32.2 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 316.801 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019135.D

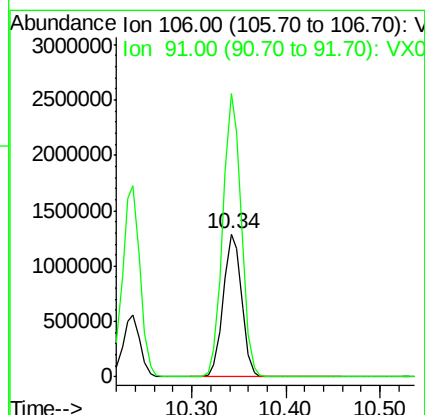
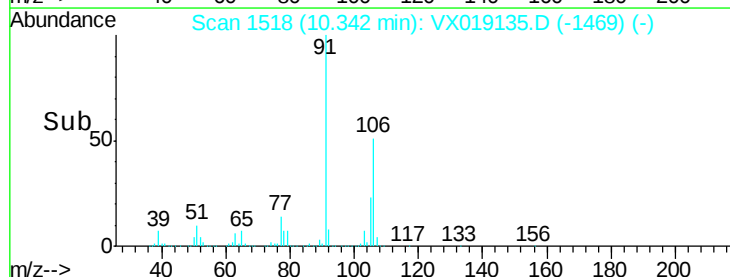
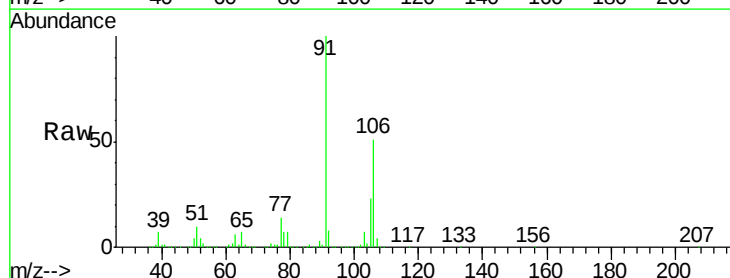
Acq: 27 Oct 2020 13:25

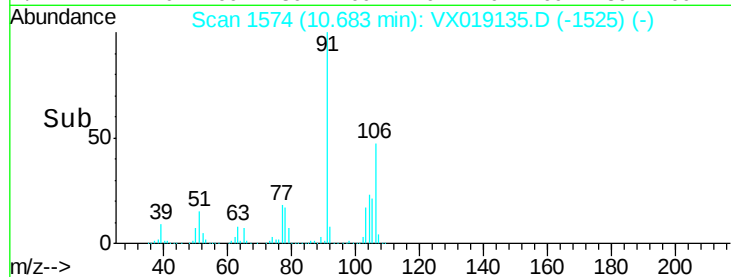
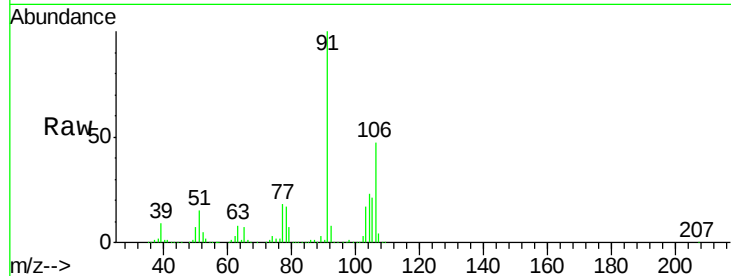
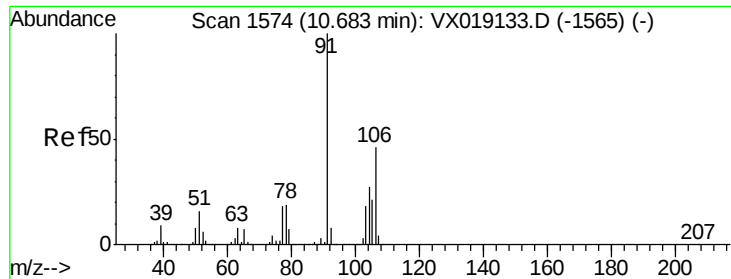
Tgt Ion: 106 Resp: 1745588

Ion Ratio Lower Upper

106 100

91 198.4 161.0 241.4





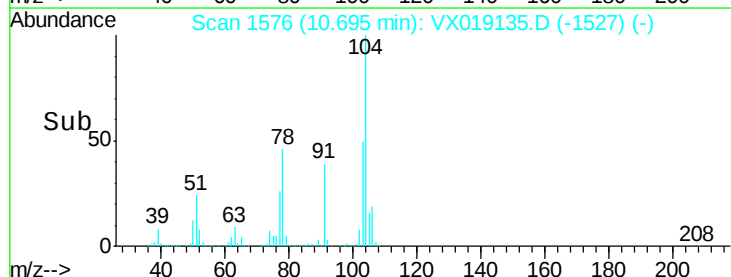
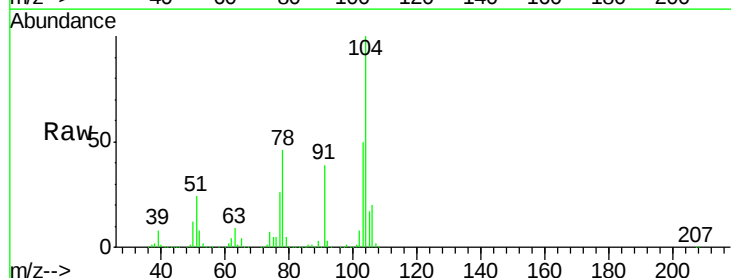
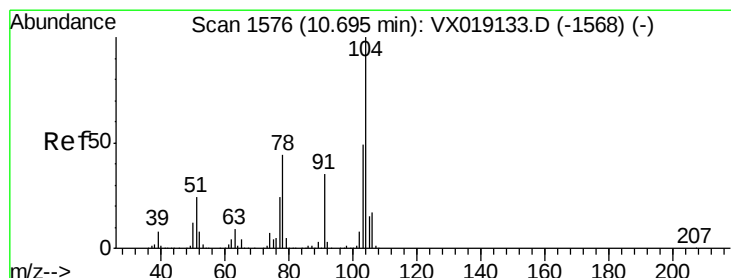
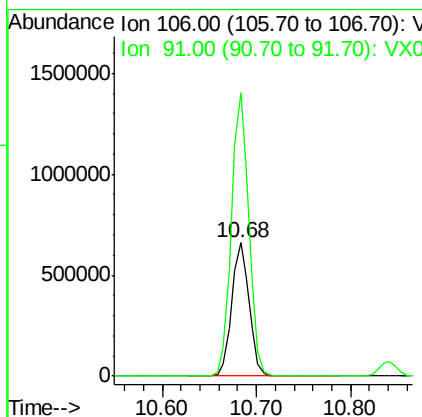
#69
o-Xylene
Concen: 159.535 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tot Ion	Ratio	Resp	Lower	Upper
106	100	842425		
91	212.4	108.3	324.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

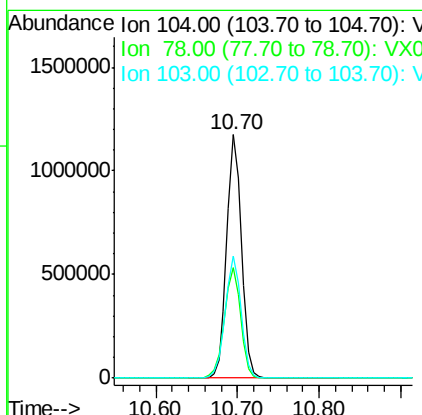
Manual Integrations
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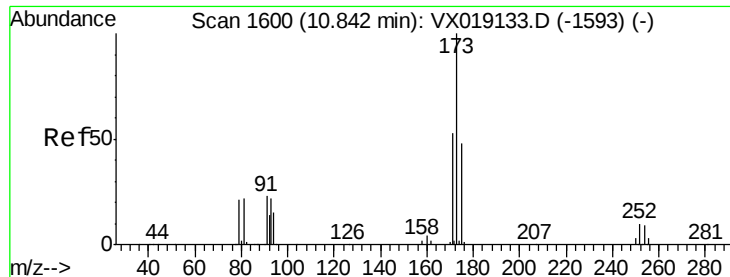
MMDadoda
10/28/2020 12:33:03 PM



#70
Styrene
Concen: 166.848 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1467913		
78	50.4	40.0	60.0	
103	54.2	43.5	65.3	





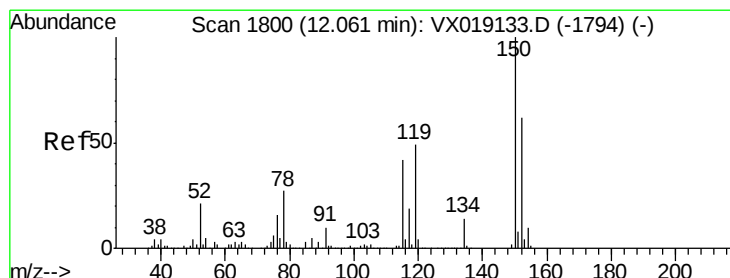
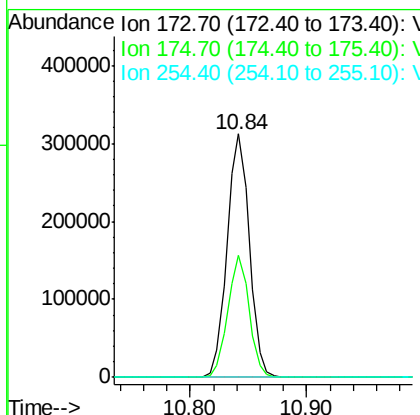
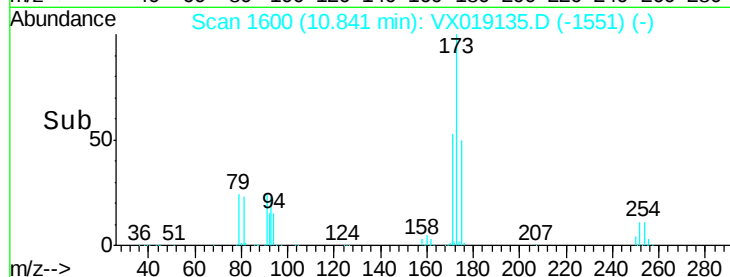
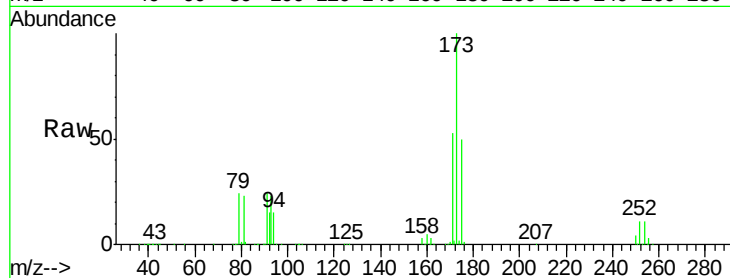
#71
Bromoform
Concen: 179.332 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.4	73.4
254	0.1	0.1	0.1#

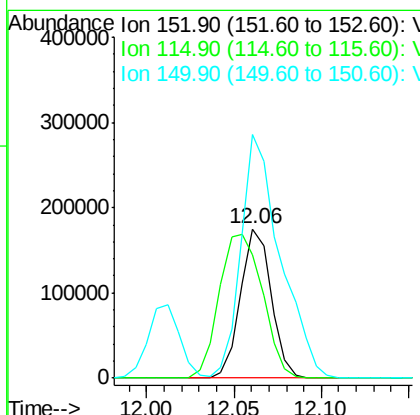
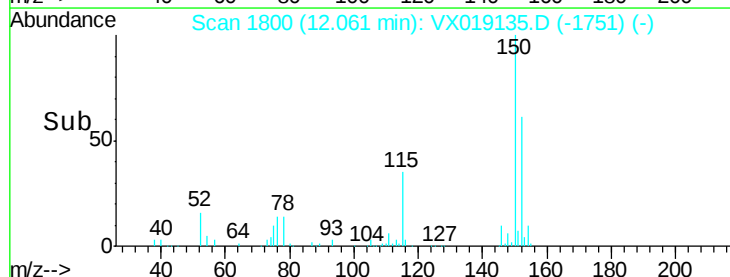
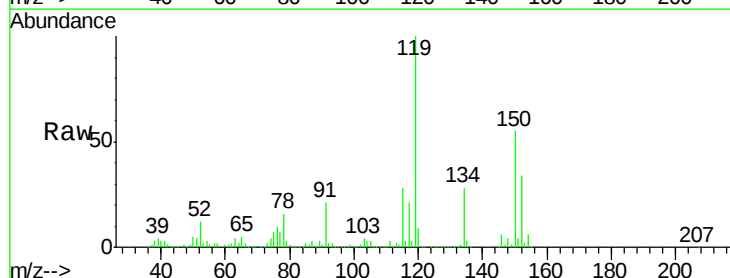
Manual Integrations
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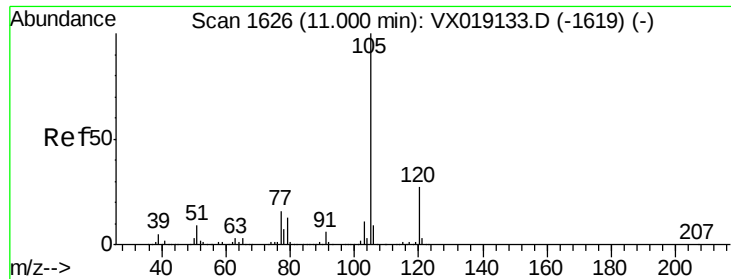
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	135.2	41.9	125.7#
150	208.8	0.0	347.8





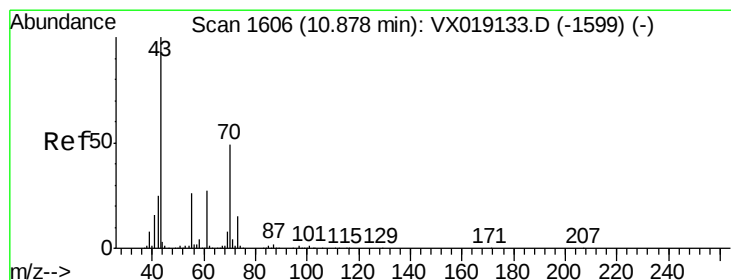
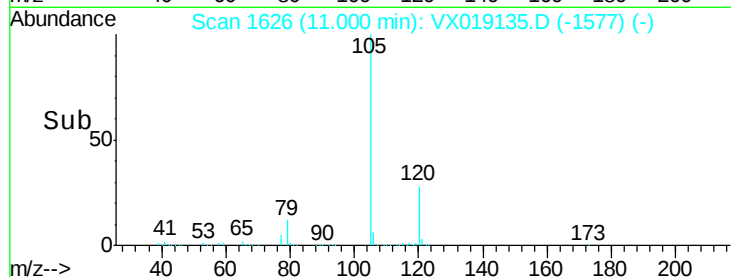
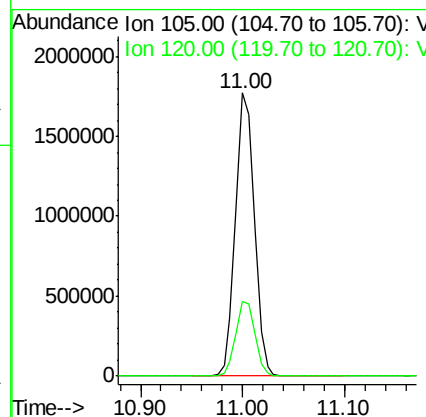
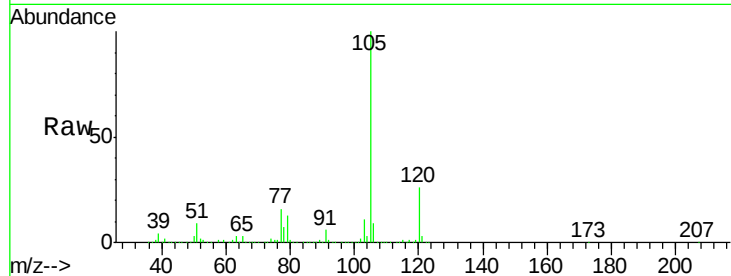
#73
Isopropylbenzene
Concen: 157.022 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2262489
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8

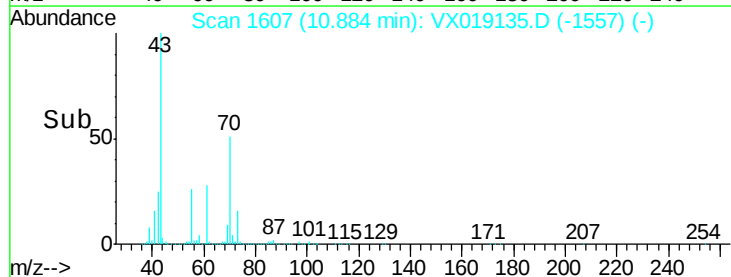
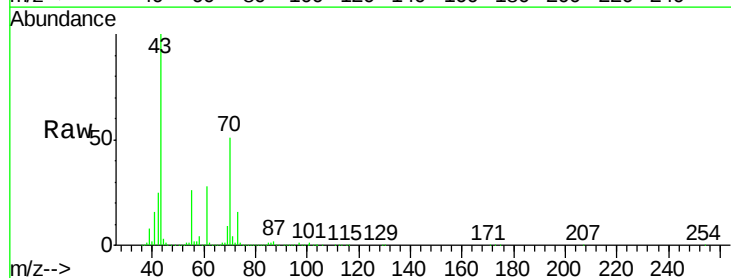
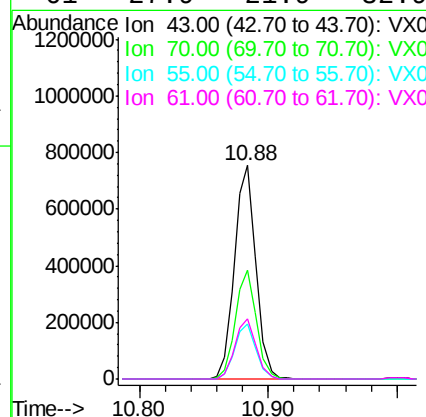
Manual Integrations
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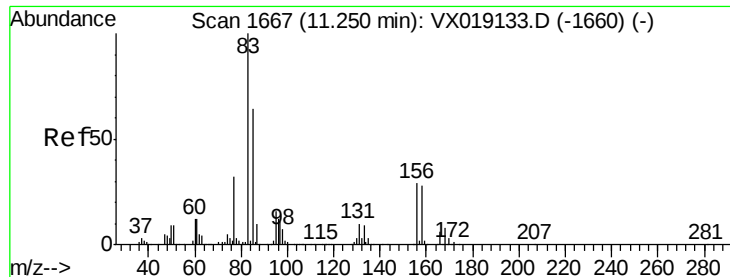
MMDadoda
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#74
N-ethyl acetate
Concen: 188.650 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 43 Resp: 881369
Ion Ratio Lower Upper
43 100
70 50.2 39.6 59.4
55 25.8 20.7 31.1
61 27.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 161.620 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 727351
Ion Ratio Lower Upper

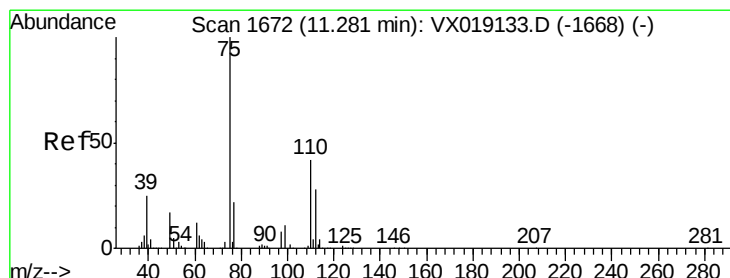
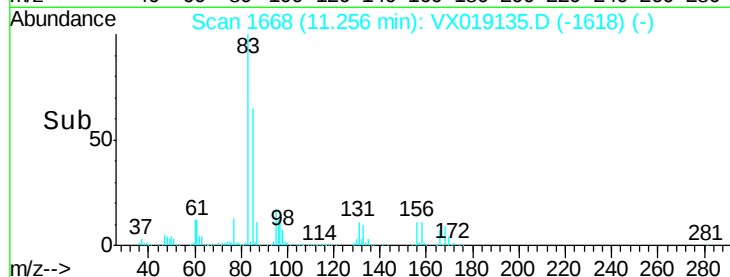
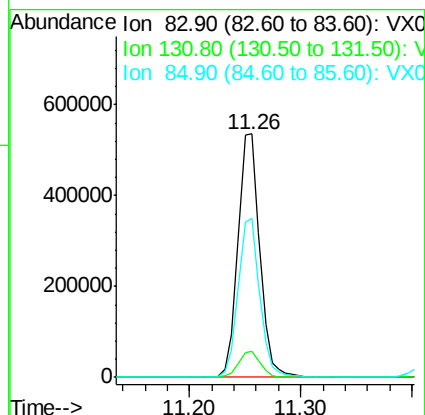
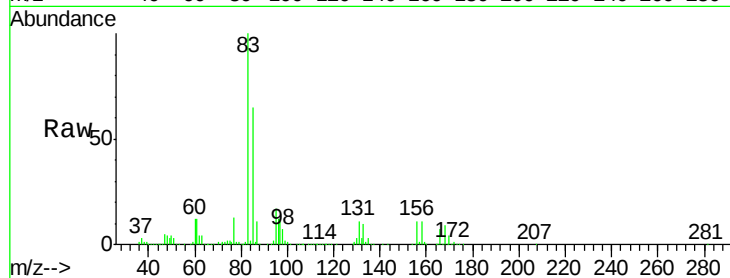
83 100

131 10.5 5.2 15.6

85 64.8 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 162.041 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

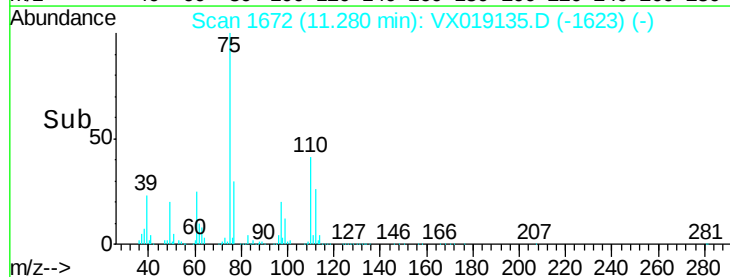
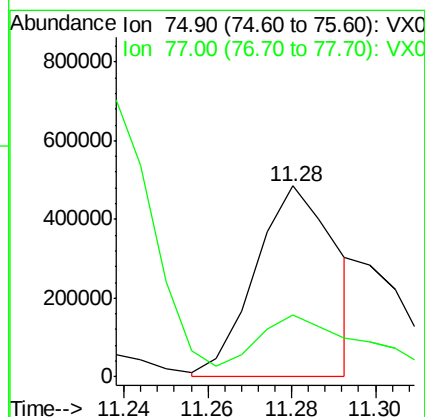
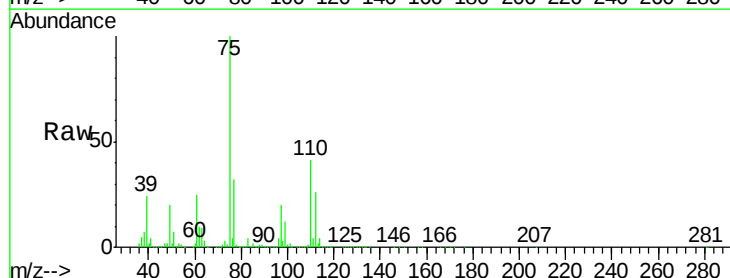
Lab File: VX019135.D

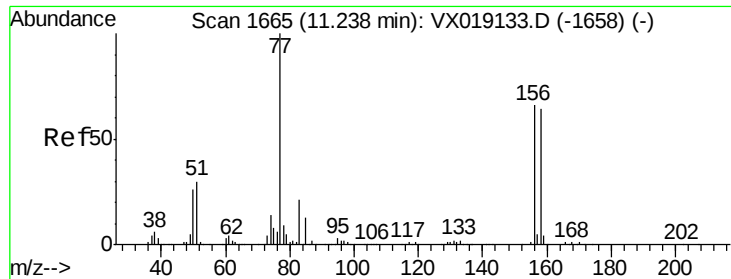
Acq: 27 Oct 2020 13:25

Tgt Ion: 75 Resp: 649146
Ion Ratio Lower Upper

75 100

77 43.4 20.3 60.9





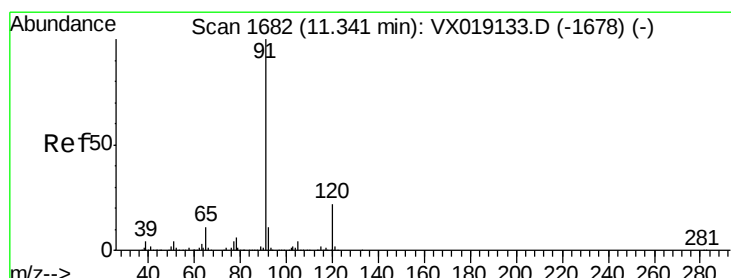
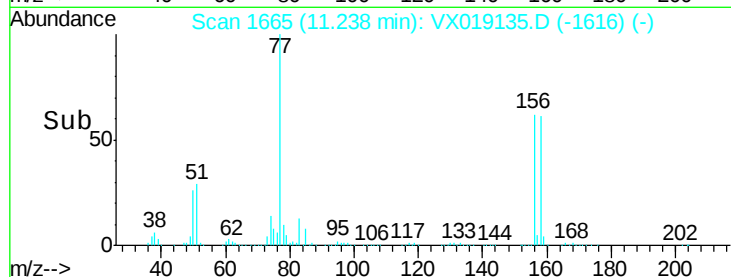
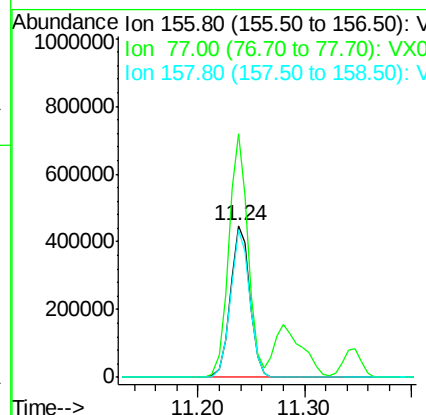
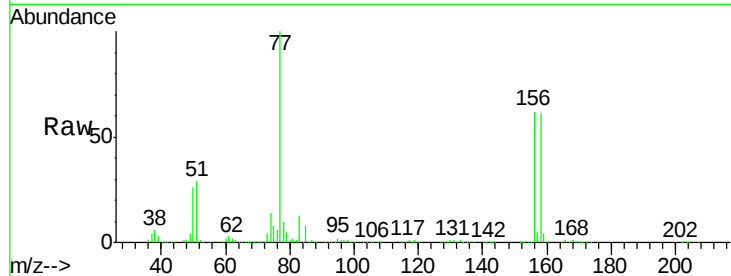
#77
Bromobenzene
Concen: 157.358 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.1	77.7	233.1
158	96.8	48.3	144.8

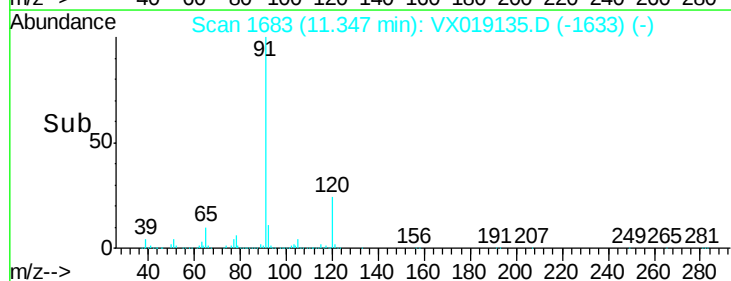
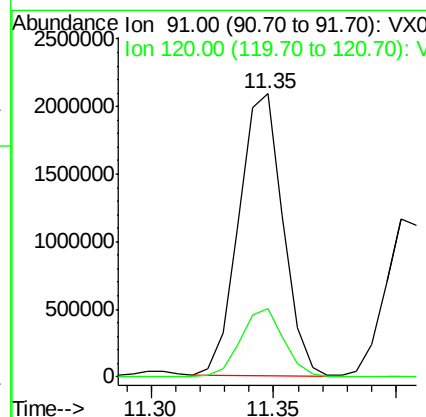
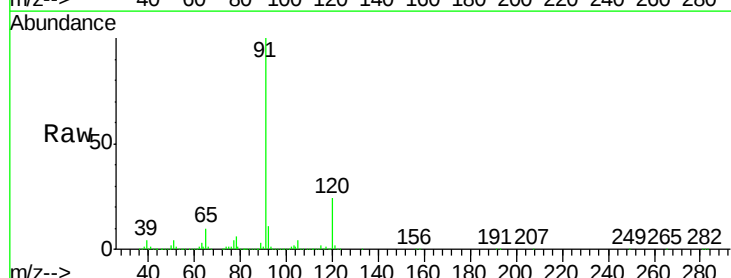
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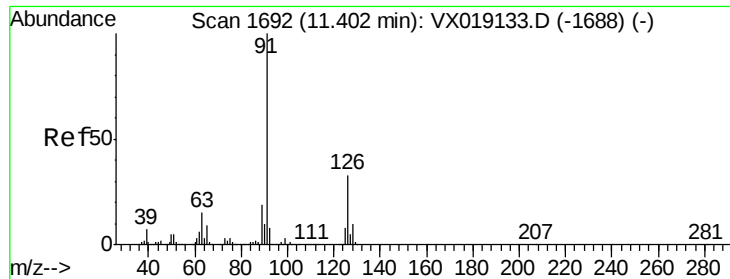
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#78
n-propylbenzene
Concen: 161.038 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.0





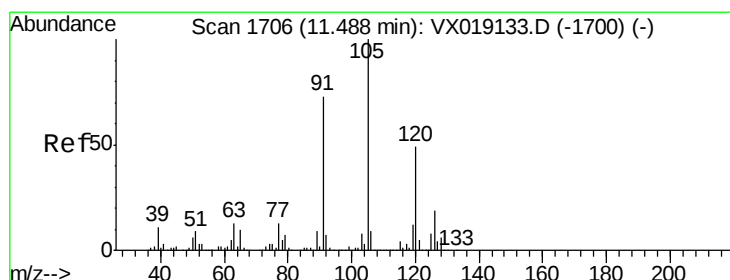
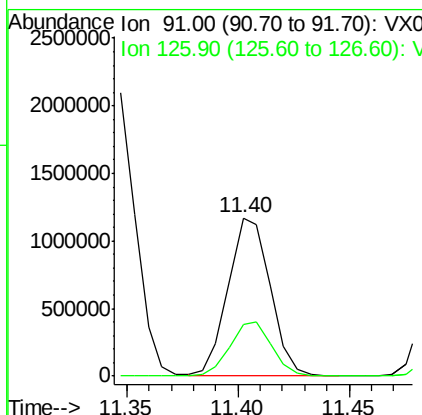
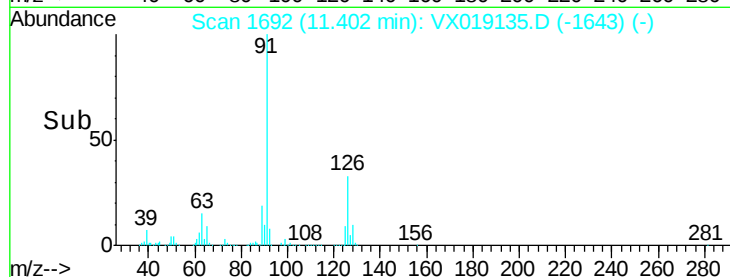
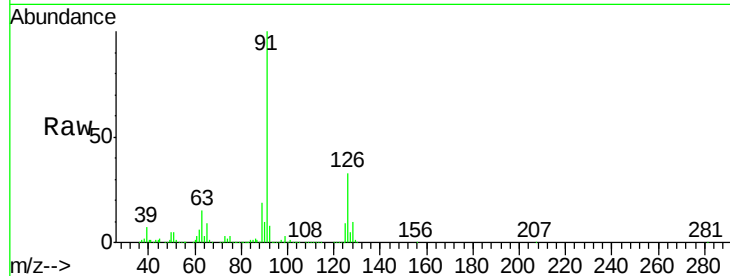
#79
2-Chlorotoluene
Concen: 161.335 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1533874
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.7

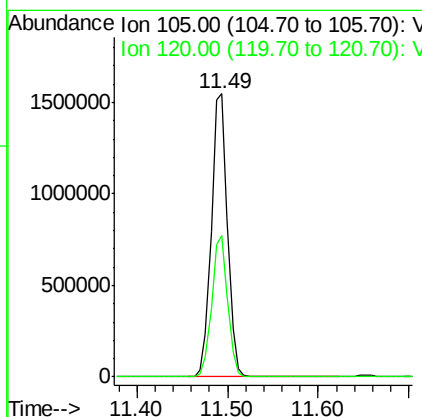
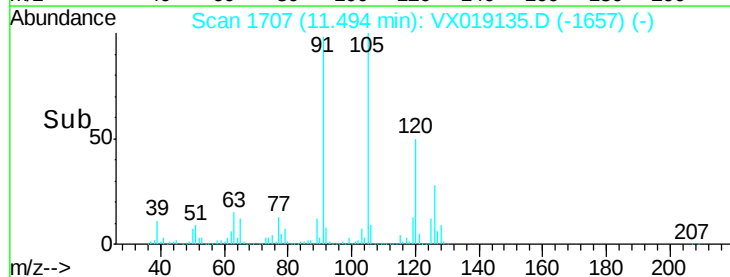
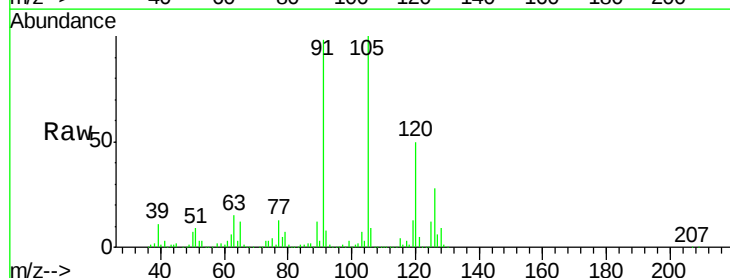
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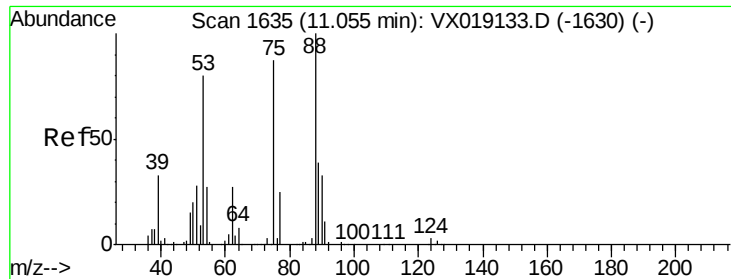
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#80
1,3,5-Trimethylbenzene
Concen: 163.742 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 105 Resp: 1947015
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 177.940 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

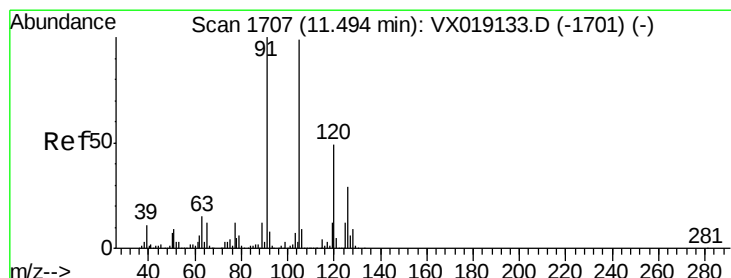
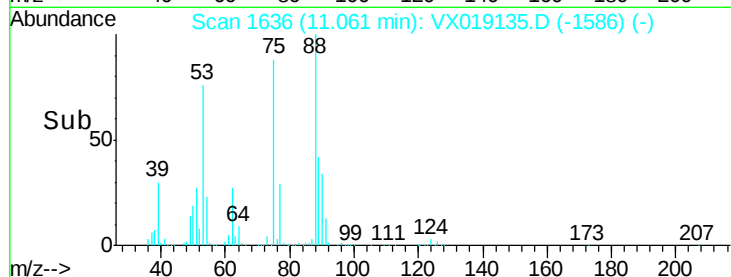
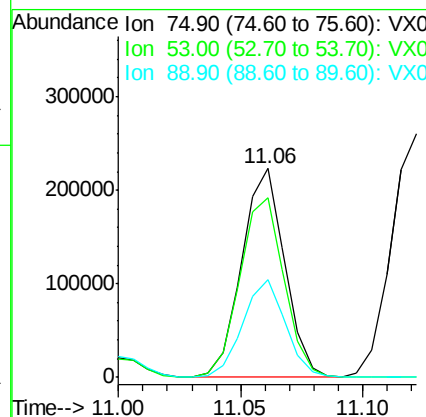
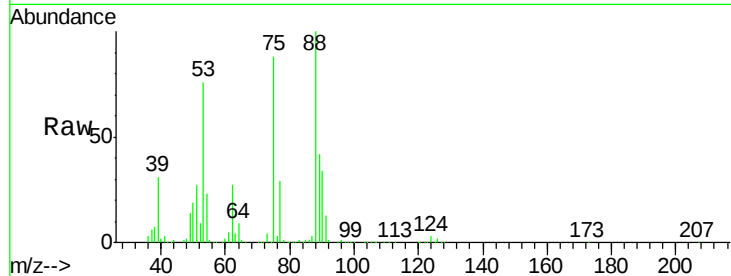
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	269710
Ion Ratio	Lower	Upper	
75	100		
53	89.1	73.3	109.9
89	47.0	38.2	57.2

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#82

4-Chlorotoluene

Concen: 164.076 ug/l

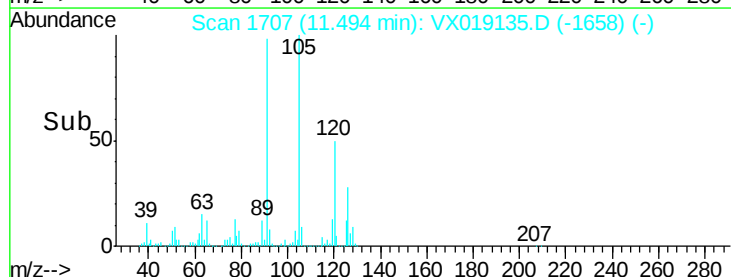
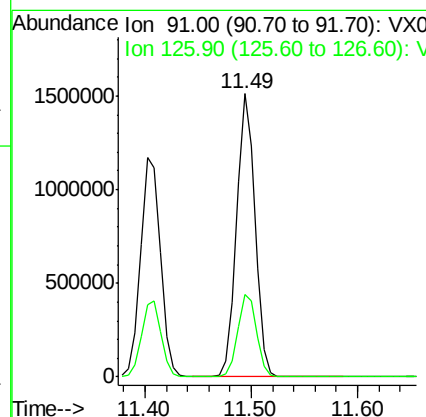
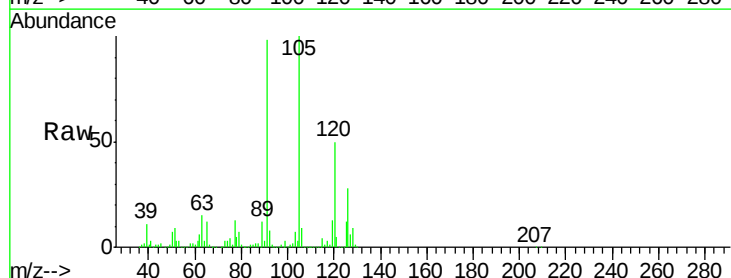
RT: 11.49 min Scan# 1707

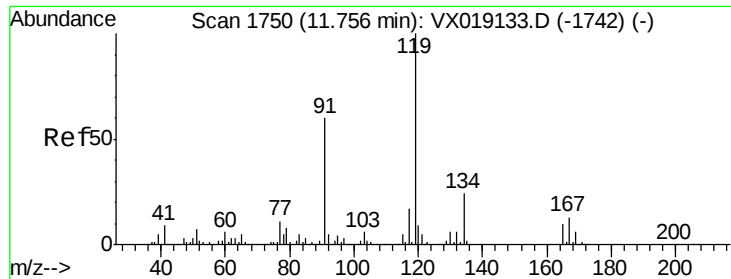
Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Tgt Ion:	91	Resp:	1846991
Ion Ratio	Lower	Upper	
91	100		
126	29.6	14.8	44.4





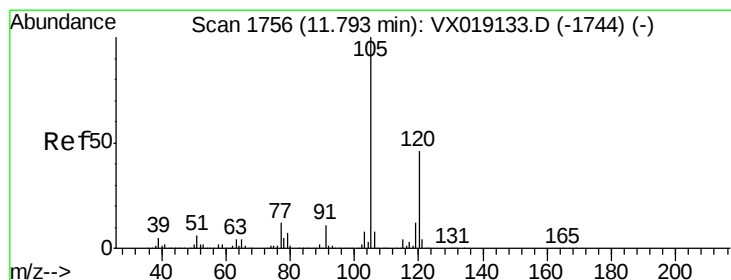
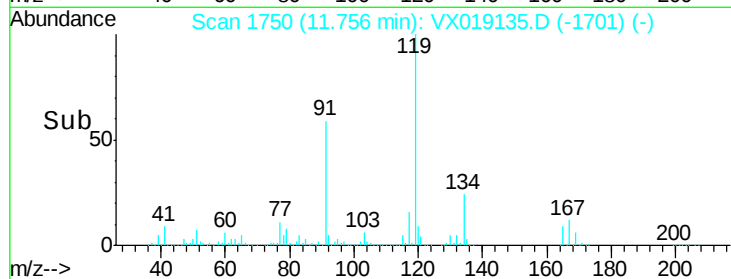
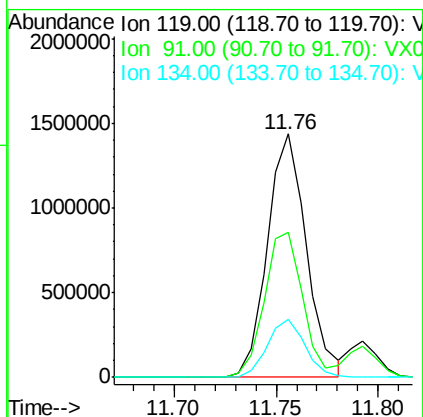
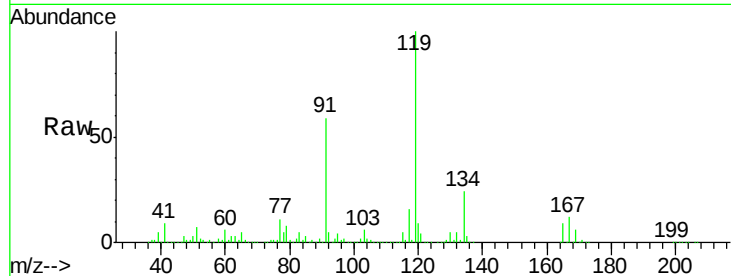
#83
tert-Butylbenzene
Concen: 164.794 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	29.0	87.1
134	22.9	11.7	35.0

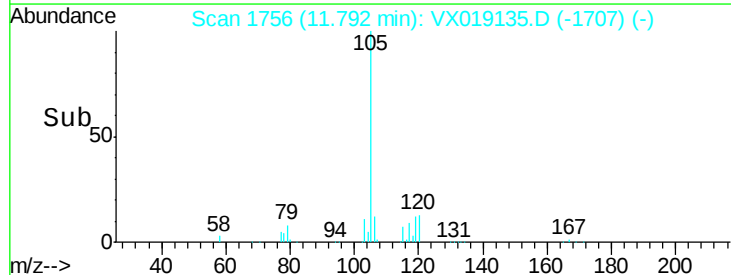
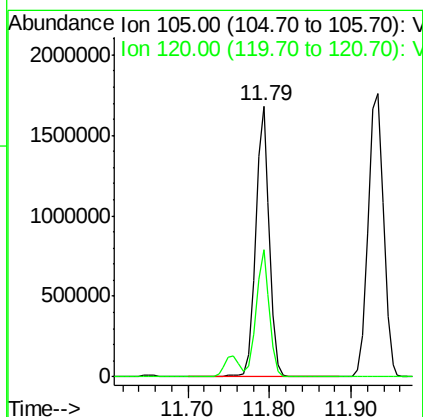
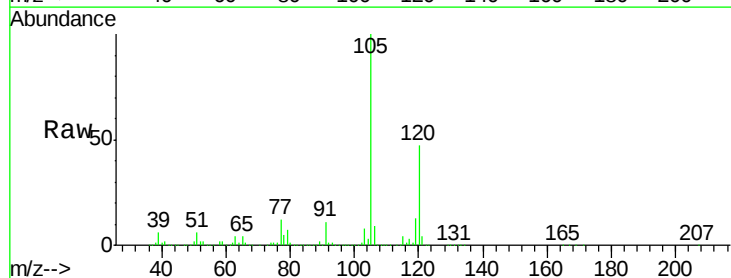
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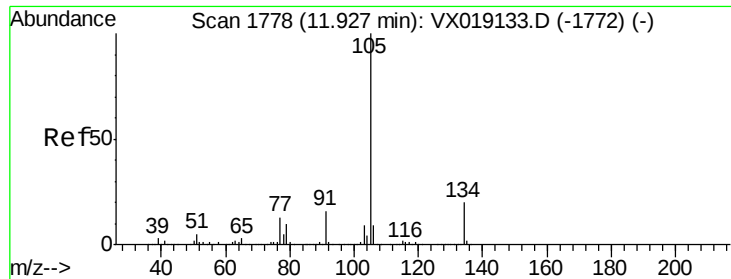
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#84
1,2,4-Trimethylbenzene
Concen: 164.689 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3





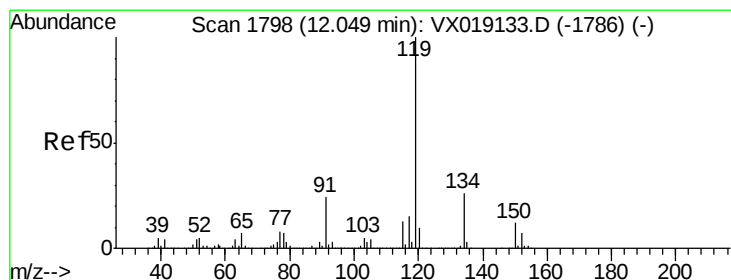
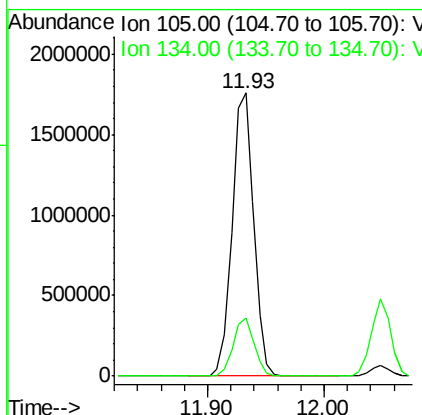
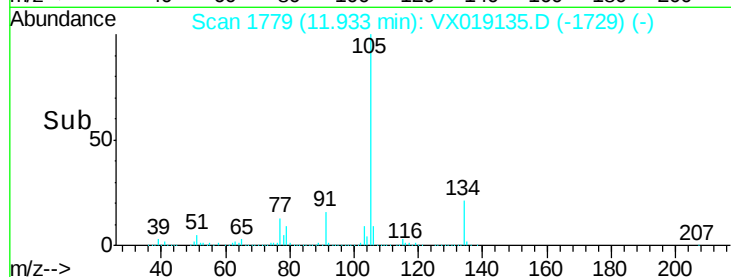
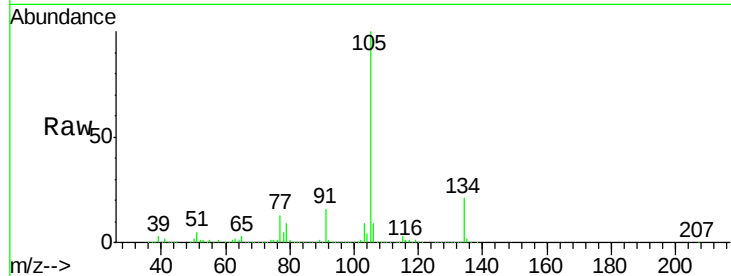
#85
 sec-Butylbenzene
 Concen: 161.876 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2257241
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

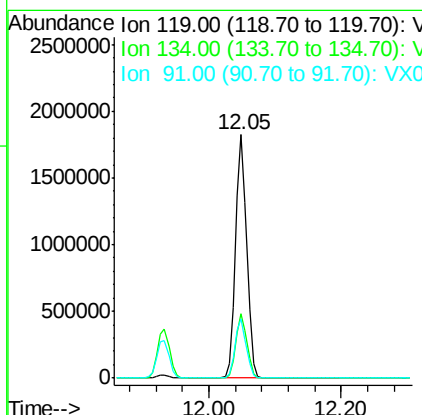
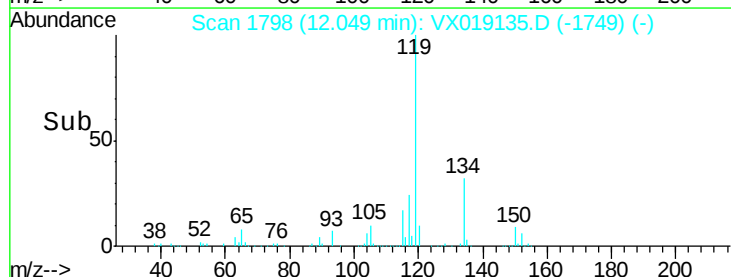
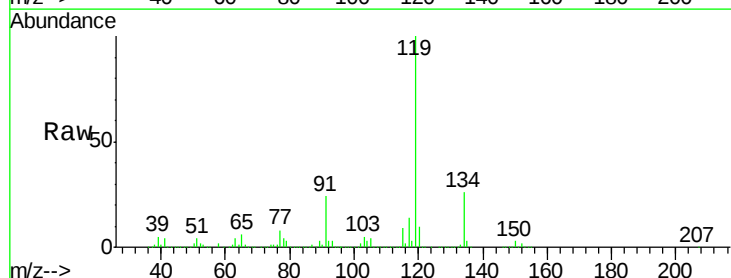
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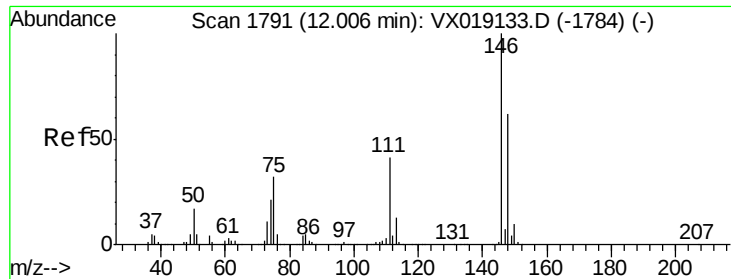
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#86
 p-Isopropyltoluene
 Concen: 164.885 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion:119 Resp: 2128486
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.2 12.0 36.0





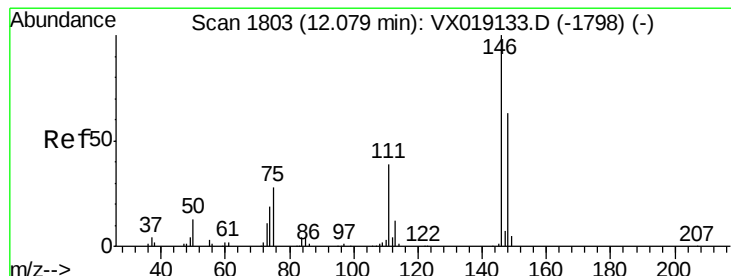
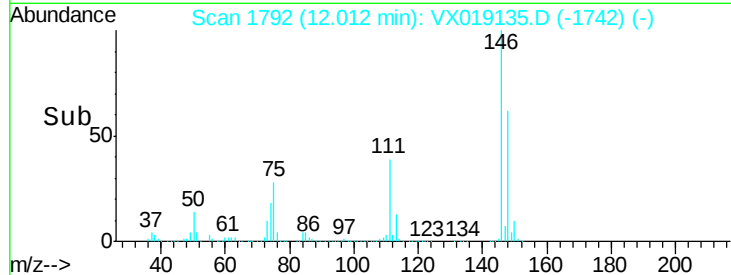
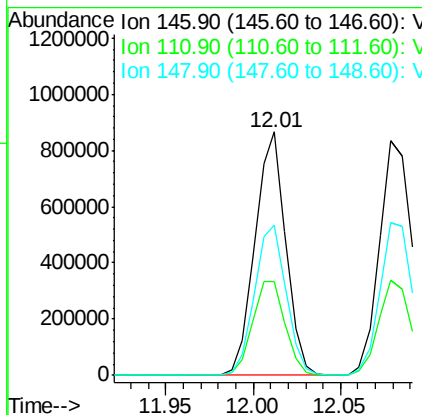
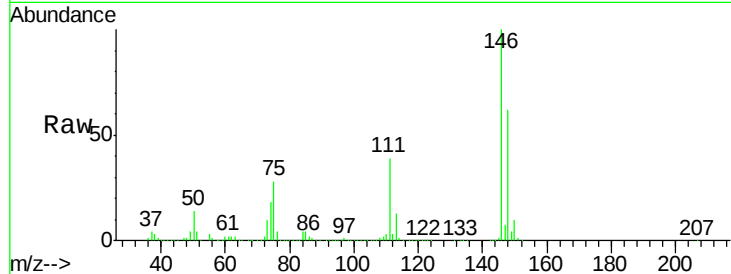
#87
 1,3-Dichlorobenzene
 Concen: 158.539 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.4	31.6	94.8

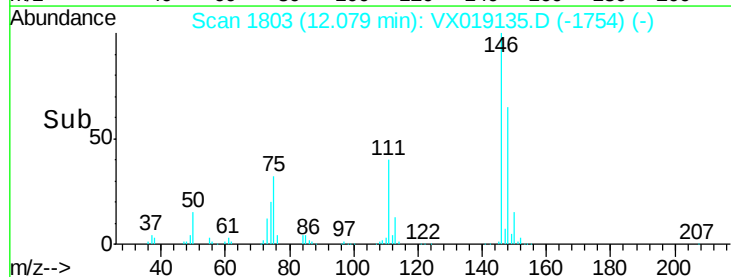
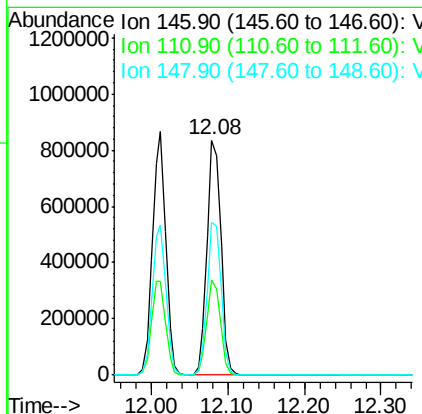
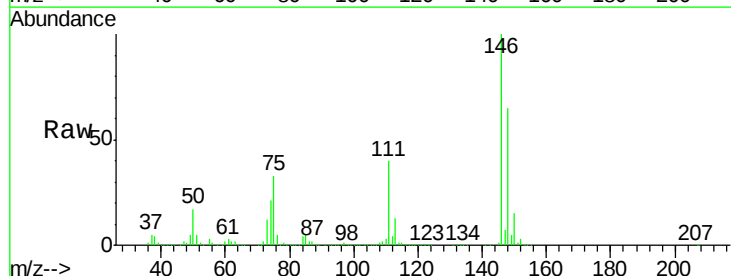
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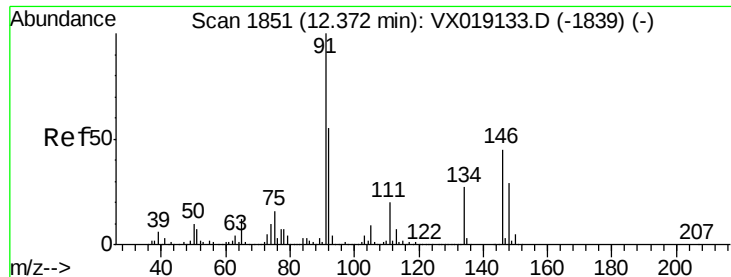
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#88
 1,4-Dichlorobenzene
 Concen: 154.101 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.5
148	65.1	31.3	93.8





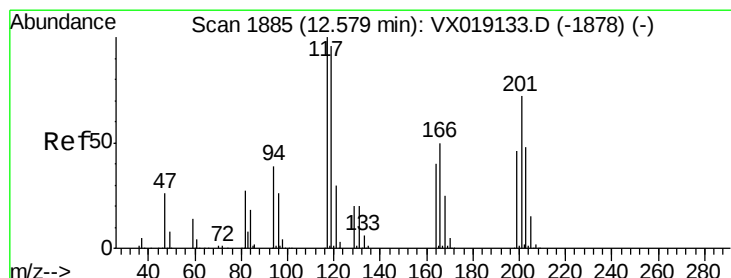
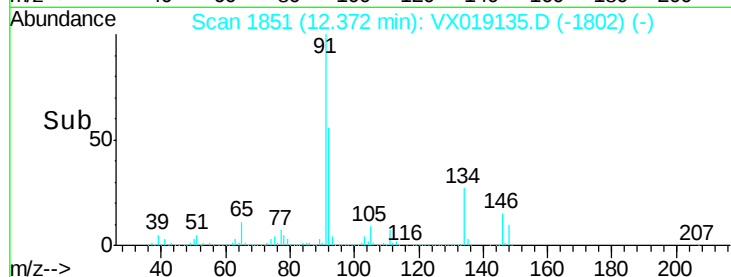
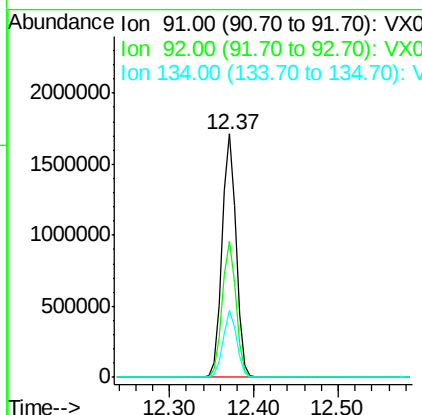
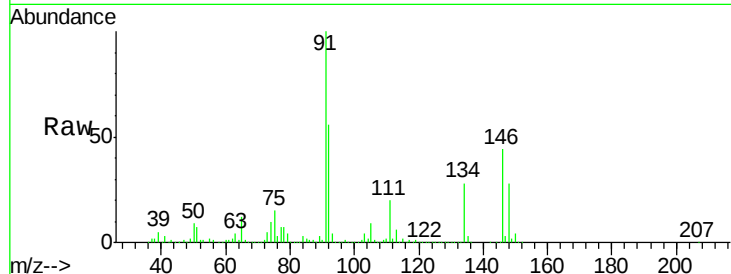
#89
n-Butylbenzene
Concen: 168.238 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1979789
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.4
134 26.9 13.2 39.6

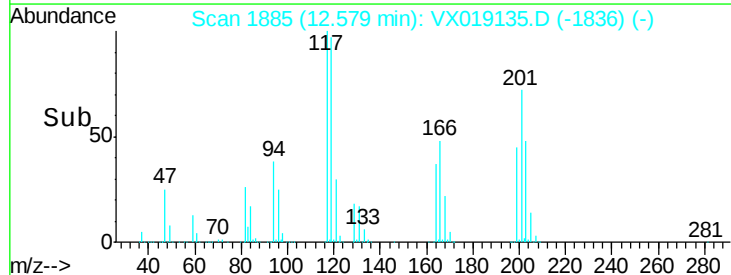
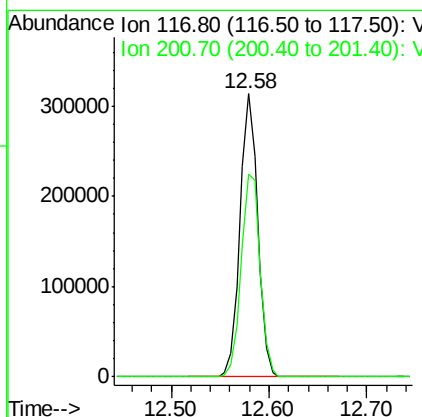
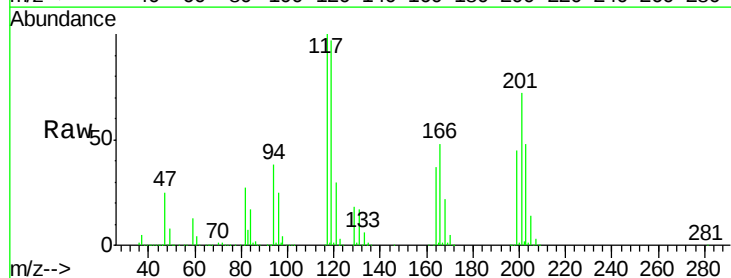
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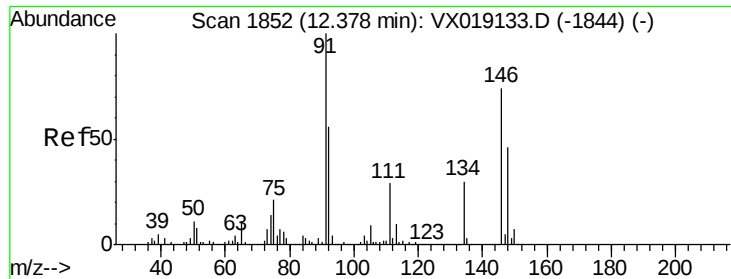
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#90
Hexachloroethane
Concen: 182.469 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019135.D
Acq: 27 Oct 2020 13:25

Tgt Ion: 117 Resp: 394065
Ion Ratio Lower Upper
117 100
201 76.3 38.5 115.3





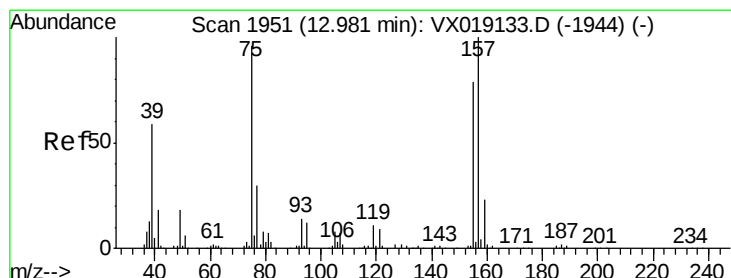
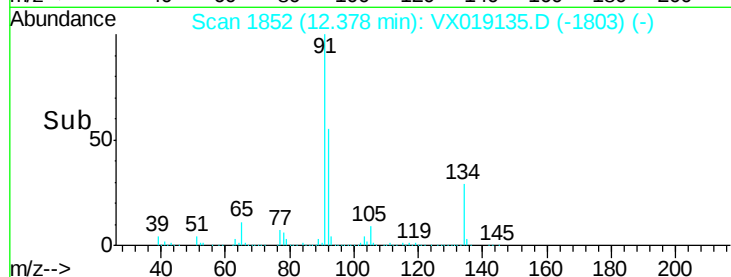
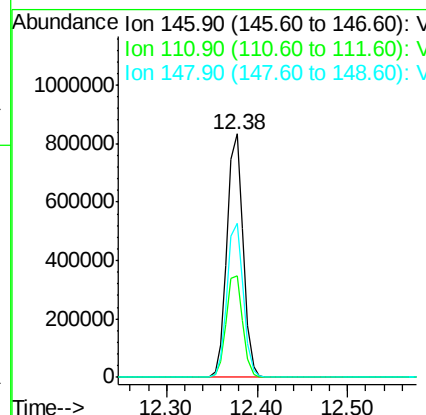
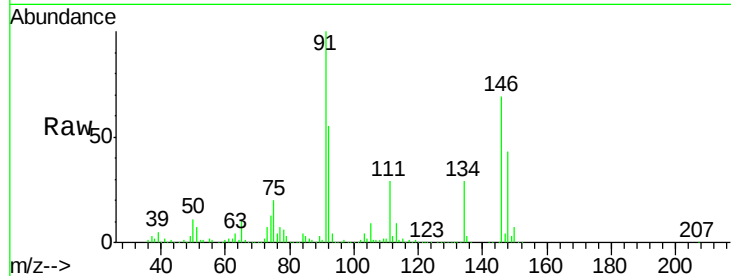
#91
 1,2-Dichlorobenzene
 Concen: 158.053 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.9	31.6	94.7

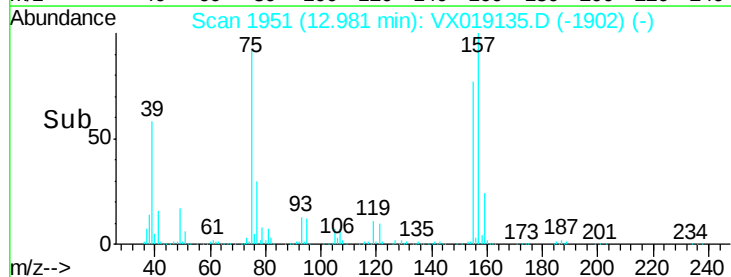
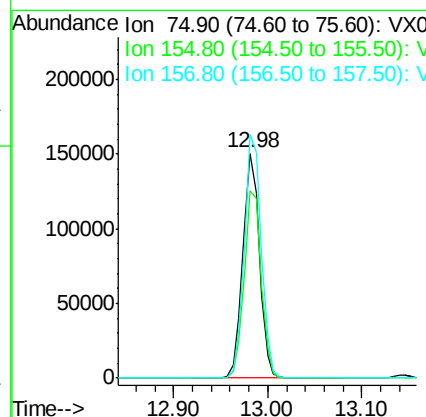
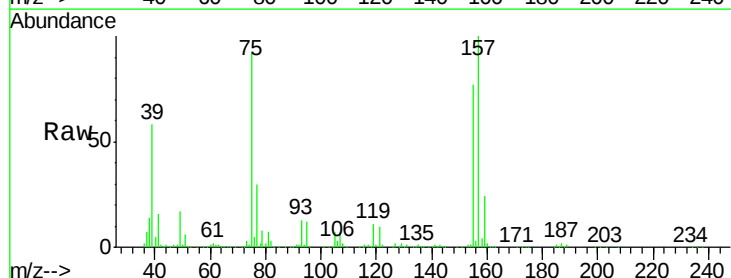
Manual Integrations
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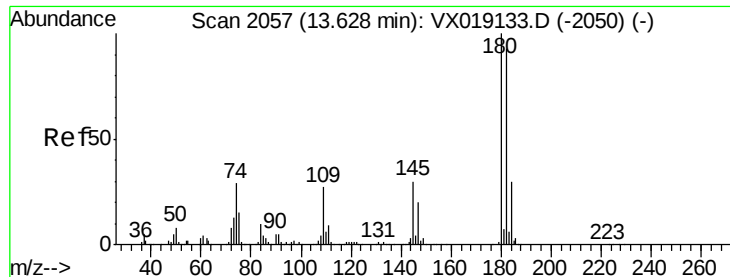
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 186.160 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	42.8	128.4
157	110.4	54.8	164.4





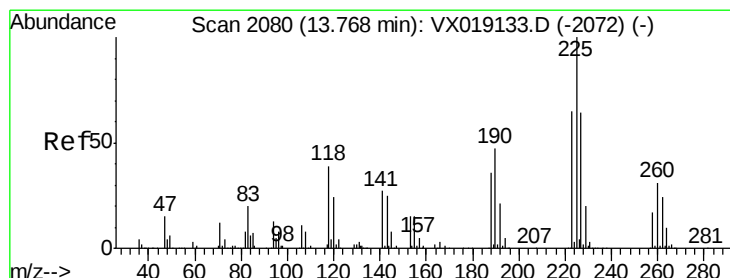
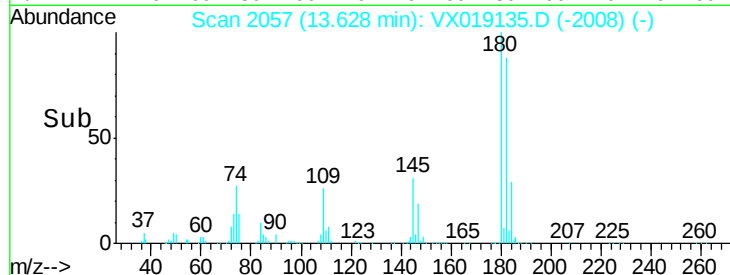
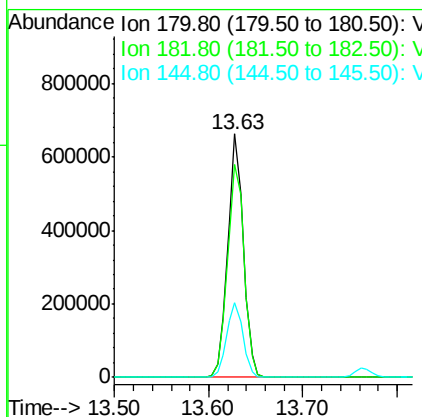
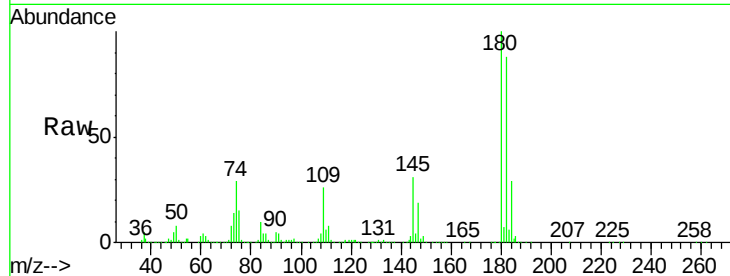
#93
 1,2,4-Trichlorobenzene
 Concen: 167.158 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	761917		
182	93.7	46.8	140.3	
145	32.1	15.5	46.5	

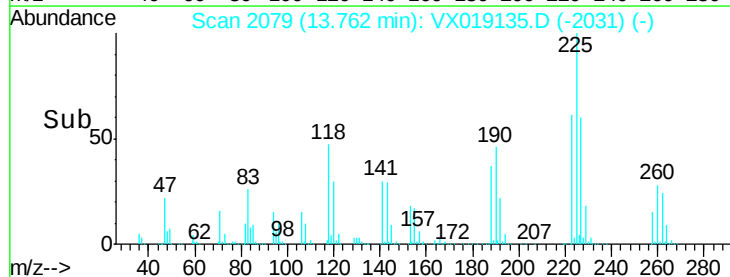
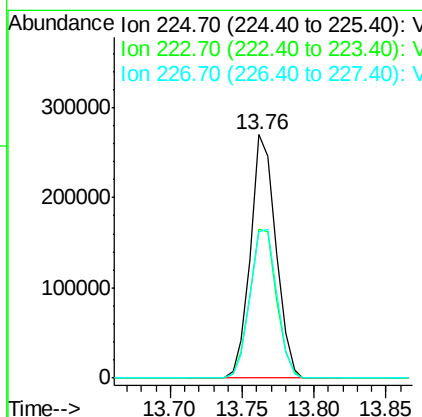
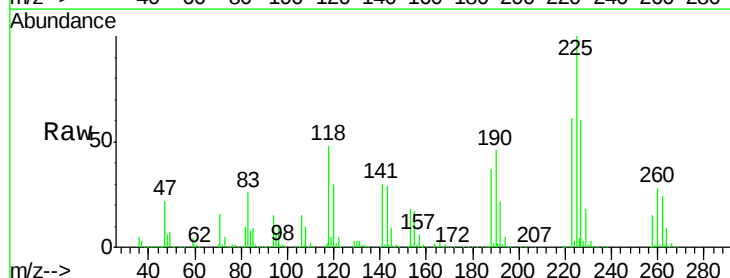
Manual Integrations
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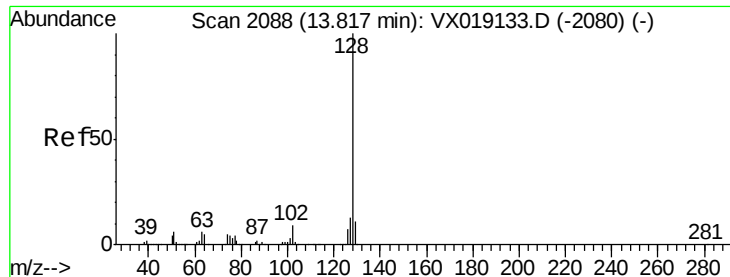
MMDadoda
 10/28/2020 12:33:03 PM



#94
 Hexachlorobutadiene
 Concen: 161.317 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019135.D
 Acq: 27 Oct 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	326679		
223	64.3	32.4	97.2	
227	64.8	31.6	94.7	





#95

Naphthalene

Concen: 169.969 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2439747

Ion Ratio Lower Upper

128 100

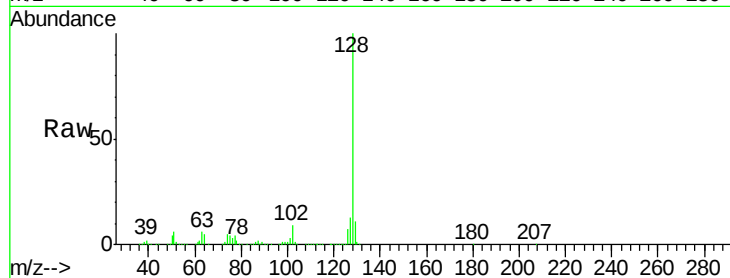
127 13.0 10.3 15.5

129 11.1 8.6 13.0

Manual Integrations
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MMDadoda

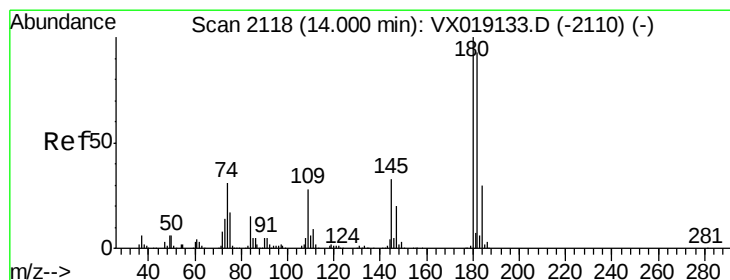
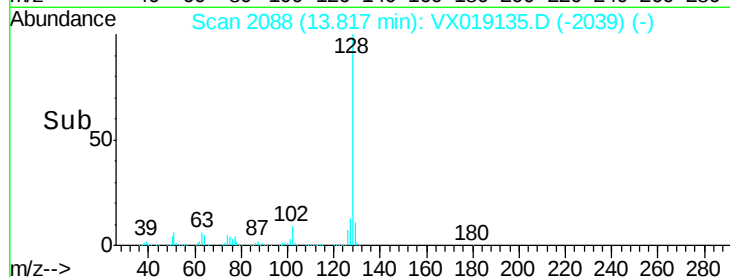
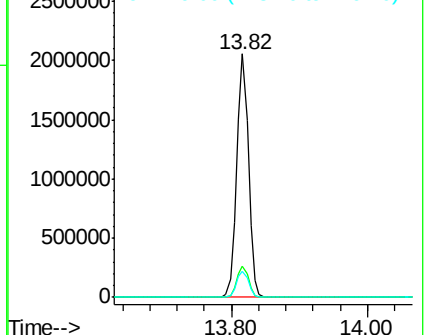
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 163.590 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019135.D

Acq: 27 Oct 2020 13:25

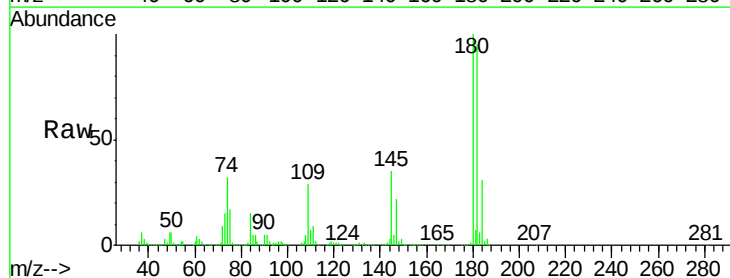
Tgt Ion:180 Resp: 731547

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 33.5 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

