

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015925.D
 Acq On : 24 Apr 2020 11:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 11:37:06 AM

Quant Time: Apr 24 12:55:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	277319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	260157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	123954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	10996	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
35) Dibromofluoromethane	5.48	113	7857	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
50) Toluene-d8	8.70	98	32777	5.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.52%	
62) 4-Bromofluorobenzene	11.12	95	13445	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	7942	4.983	ug/l 96
3) Chloromethane	1.31	50	8300	5.059	ug/l 99
4) Vinyl Chloride	1.39	62	11019	5.193	ug/l 99
5) Bromomethane	1.62	94	4144	4.369	ug/l 99
6) Chloroethane	1.71	64	6965	5.342	ug/l 99
7) Trichlorofluoromethane	1.92	101	13182	5.185	ug/l 95
8) Diethyl Ether	2.17	74	6385	5.227	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8577	5.364	ug/l 99
10) Methyl Iodide	2.50	142	6775	4.437	ug/l 97
11) Tert butyl alcohol	3.01	59	10984	25.087	ug/l 99
12) 1,1-Dichloroethene	2.36	96	8830	5.278	ug/l 99
13) Acrolein	2.28	56	8218	28.399	ug/l 98
14) Allyl chloride	2.71	41	15827	5.314	ug/l 99
15) Acrylonitrile	3.12	53	25318	26.201	ug/l 99
16) Acetone	2.42	43	20078	25.596	ug/l 99
17) Carbon Disulfide	2.55	76	27183	5.073	ug/l 99
18) Methyl Acetate	2.75	43	12273	5.223	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	31185	5.228	ug/l 98
20) Methylene Chloride	2.84	84	10186	5.247	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	9843	5.267	ug/l 97
22) Diisopropyl ether	3.83	45	30825	5.262	ug/l 92
23) Vinyl Acetate	3.79	43	125185	26.339	ug/l 99
24) 1,1-Dichloroethane	3.67	63	17598	5.279	ug/l 98
25) 2-Butanone	4.64	43	32285	25.697	ug/l 97
26) 2,2-Dichloropropane	4.56	77	16149	5.428	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	11013	5.179	ug/l 99
28) Bromochloromethane	4.98	49	7846	5.277	ug/l 100
29) Tetrahydrofuran	5.10	42	21499	25.749	ug/l 98
30) Chloroform	5.18	83	17358	5.268	ug/l 94
31) Cyclohexane	5.55	56	16322	5.385	ug/l 96
32) 1,1,1-Trichloroethane	5.47	97	15536	5.199	ug/l 98
36) 1,1-Dichloropropene	5.78	75	13503	5.147	ug/l 97
37) Ethyl Acetate	4.79	43	13470	5.129	ug/l 98
38) Carbon Tetrachloride	5.76	117	12551	5.306	ug/l 95

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Apr 24 12:55:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 12:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	17296	5.476	ug/l	98
40) Benzene	6.11	78	40337	5.300	ug/l	97
41) Methacrylonitrile	5.01	41	7573	5.027	ug/l	98
42) 1,2-Dichloroethane	6.17	62	13979	5.240	ug/l	98
43) Isopropyl Acetate	6.42	43	22144	5.220	ug/l	99
44) Trichloroethene	7.19	130	12684	5.363	ug/l	97
45) 1,2-Dichloropropane	7.49	63	10271	5.285	ug/l	98
46) Dibromomethane	7.64	93	6839	5.253	ug/l	98
47) Bromodichloromethane	7.88	83	13694	5.247	ug/l	96
48) Methyl methacrylate	7.75	41	11065	5.294	ug/l	95
49) 1,4-Dioxane	7.72	88	4793	105.513	ug/l #	95
51) 4-Methyl-2-Pentanone	8.62	43	64774	26.423	ug/l	98
52) Toluene	8.77	92	26045	5.401	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	16723	5.299	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	17638	5.347	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	10337	5.353	ug/l	95
56) Ethyl methacrylate	9.16	69	15652	5.200	ug/l	96
57) 1,3-Dichloropropane	9.35	76	17527	5.347	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	39778	26.580	ug/l	100
59) 2-Hexanone	9.48	43	48257	26.202	ug/l	100
60) Dibromochloromethane	9.57	129	9831	5.323	ug/l	99
61) 1,2-Dibromoethane	9.65	107	10426	5.269	ug/l	98
64) Tetrachloroethene	9.32	164	14151	5.478	ug/l	98
65) Chlorobenzene	10.12	112	27101	5.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	9470	5.336	ug/l	97
67) Ethyl Benzene	10.24	91	49750	5.310	ug/l	97
68) m/p-Xylenes	10.34	106	36426	10.684	ug/l	98
69) o-Xylene	10.68	106	17690	5.326	ug/l	100
70) Styrene	10.70	104	29097	5.195	ug/l	97
71) Bromoform	10.84	173	5858	5.184	ug/l #	98
73) Isopropylbenzene	11.01	105	47509	5.238	ug/l	99
74) N-amyl acetate	10.88	43	19594	5.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	10430	5.281	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	13737m	4.238	ug/l	
77) Bromobenzene	11.24	156	10606	5.210	ug/l	99
78) n-propylbenzene	11.34	91	56012	5.252	ug/l	99
79) 2-Chlorotoluene	11.40	91	32684	5.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	40482	5.328	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	5427	5.135	ug/l	96
82) 4-Chlorotoluene	11.49	91	39736	5.350	ug/l	99
83) tert-Butylbenzene	11.76	119	34030	5.295	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	41118	5.272	ug/l	97
85) sec-Butylbenzene	11.93	105	46387	5.316	ug/l	99
86) p-Isopropyltoluene	12.05	119	42515	5.346	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	19881	5.308	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	20467	5.385	ug/l	94
89) n-Butylbenzene	12.37	91	39735	5.332	ug/l	99
90) Hexachloroethane	12.58	117	6183	5.235	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	19291	5.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3273	5.138	ug/l	93

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

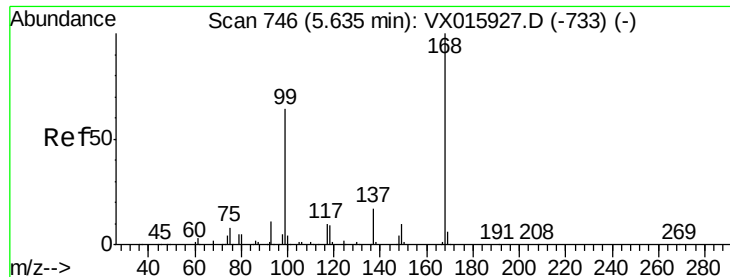
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Apr 24 12:30:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12145	5.239	ug/l	97
94) Hexachlorobutadiene	13.77	225	4434	5.364	ug/l	96
95) Naphthalene	13.82	128	42985	5.140	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	11893	5.433	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 151682

Ion Ratio Lower Upper

168 100

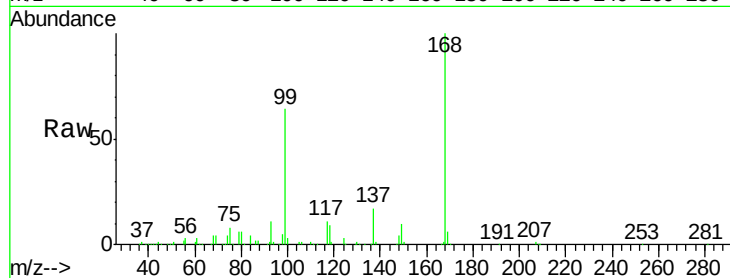
99 63.6 51.2 76.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

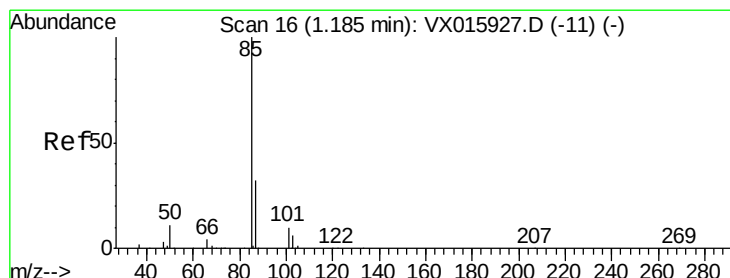
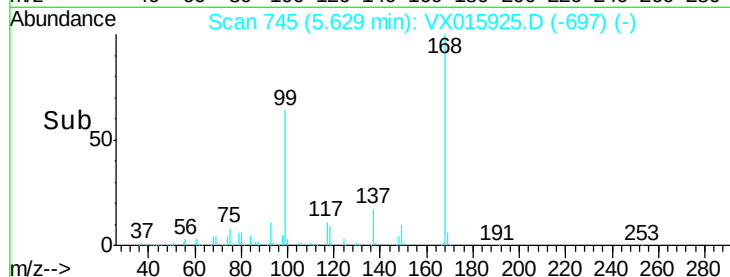
20000

10000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 4.983 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015925.D

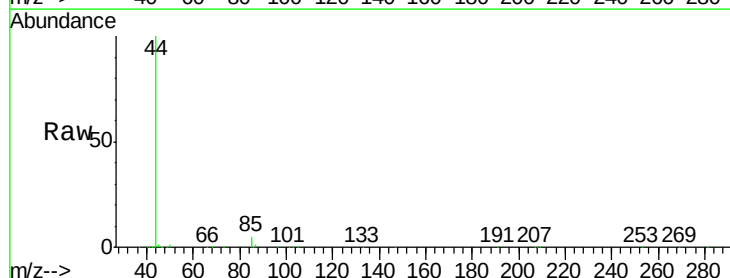
Acq: 24 Apr 2020 11:27

Tgt Ion: 85 Resp: 7942

Ion Ratio Lower Upper

85 100

87 30.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

10000

8000

6000

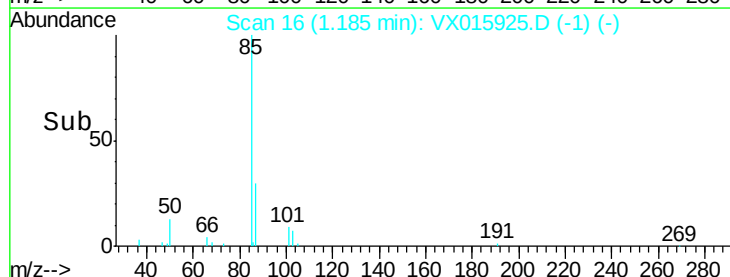
4000

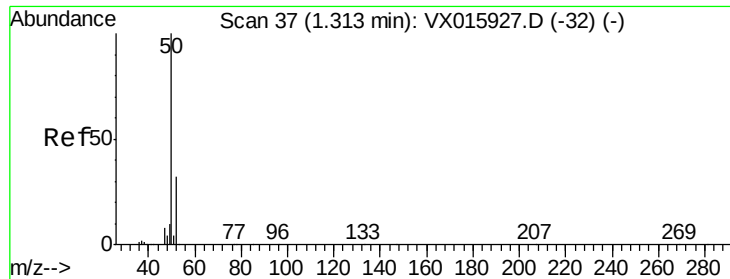
2000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 5.059 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 8300

Ion Ratio Lower Upper

50 100

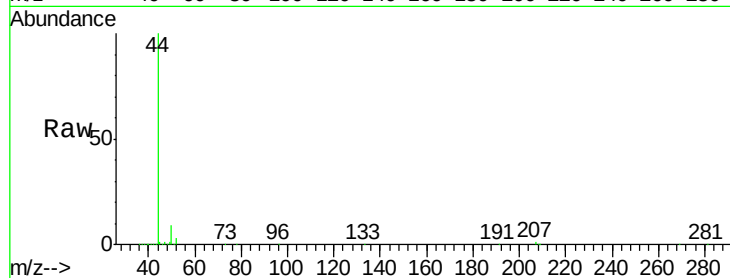
52 33.2 25.9 38.9

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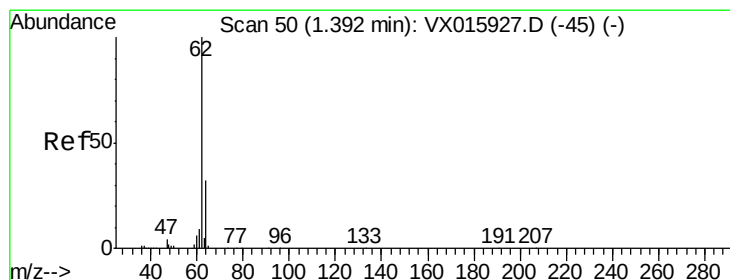
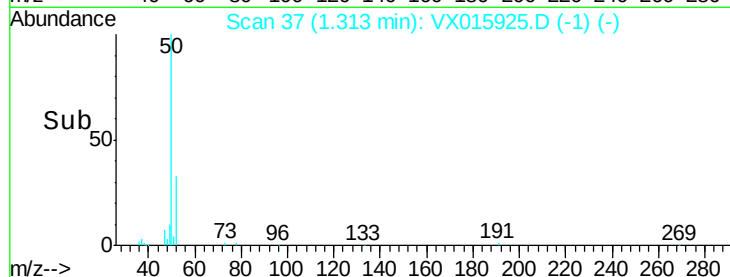
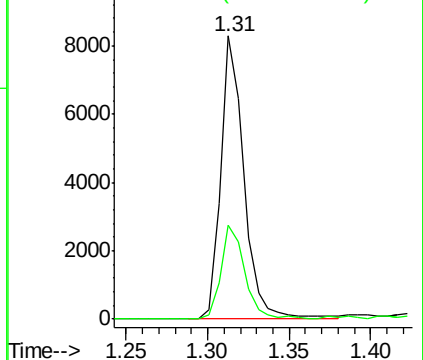
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.193 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015925.D

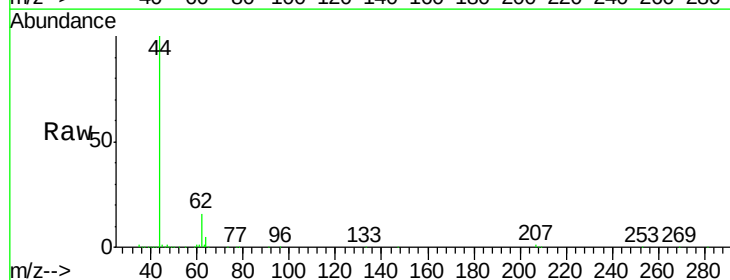
Acq: 24 Apr 2020 11:27

Tgt Ion: 62 Resp: 11019

Ion Ratio Lower Upper

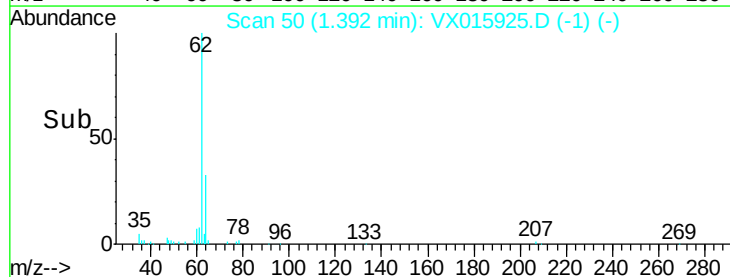
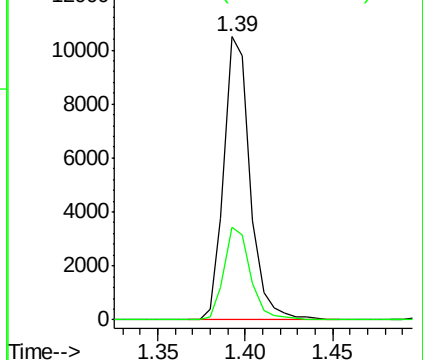
62 100

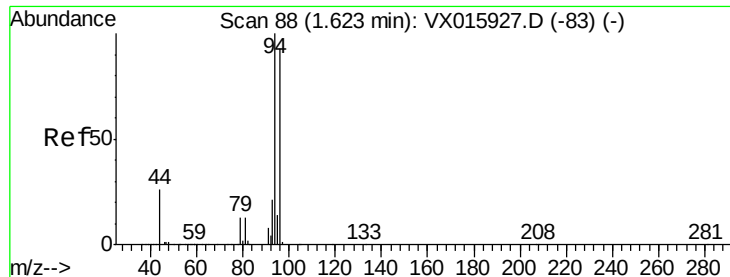
64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.369 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 4144

Ion Ratio Lower Upper

94 100

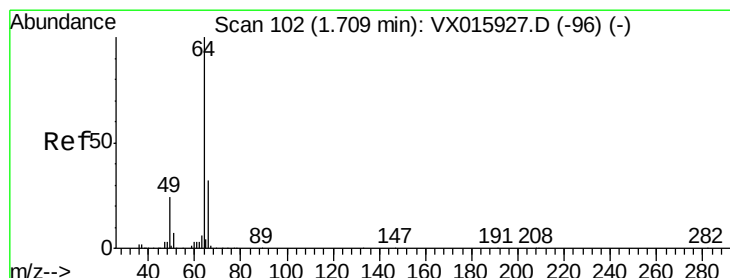
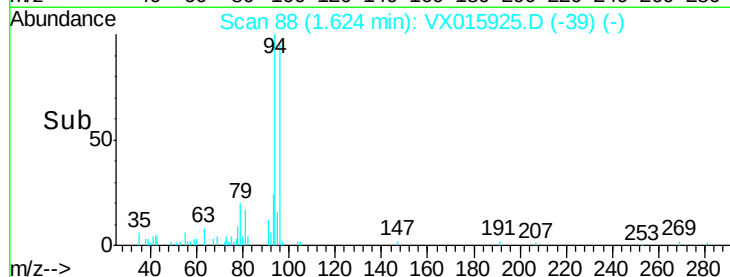
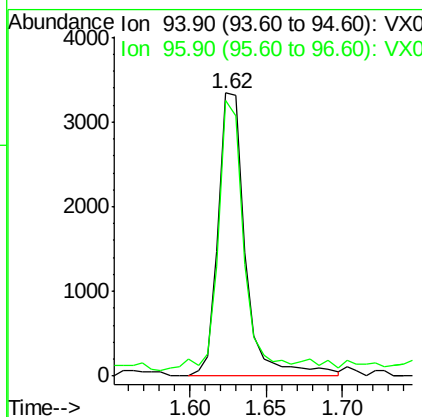
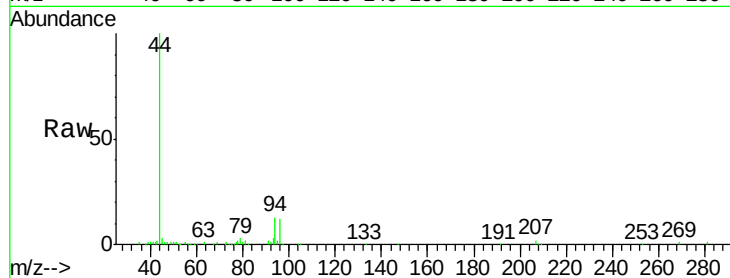
96 94.9 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 5.342 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX015925.D

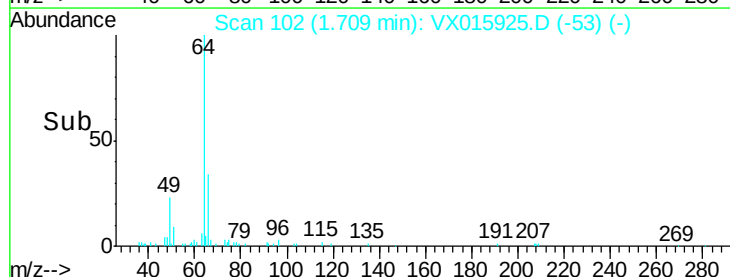
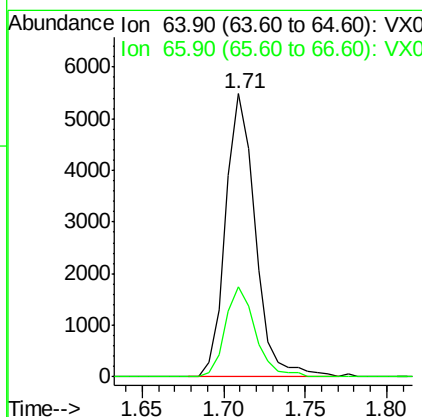
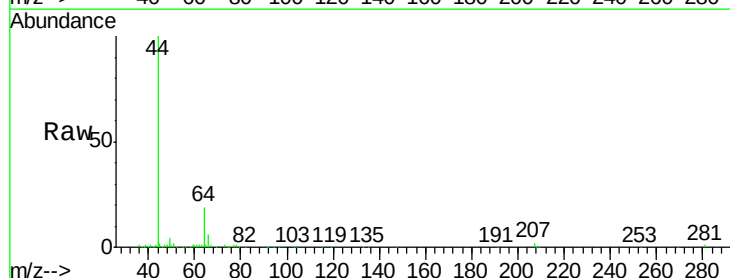
Acq: 24 Apr 2020 11:27

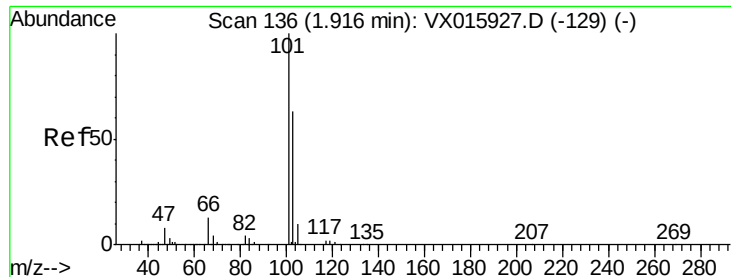
Tgt Ion: 64 Resp: 6965

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.8





#7

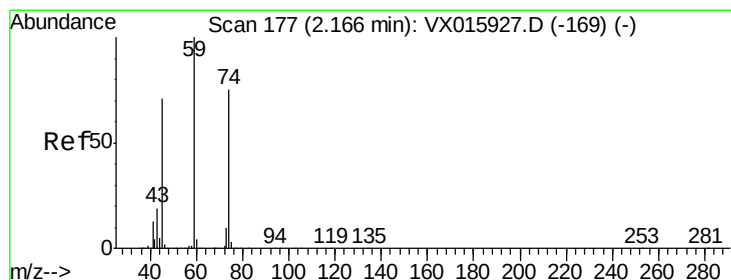
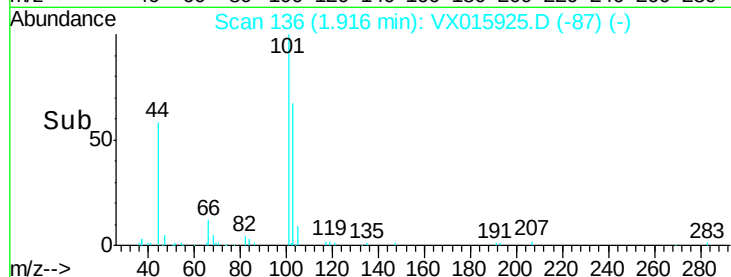
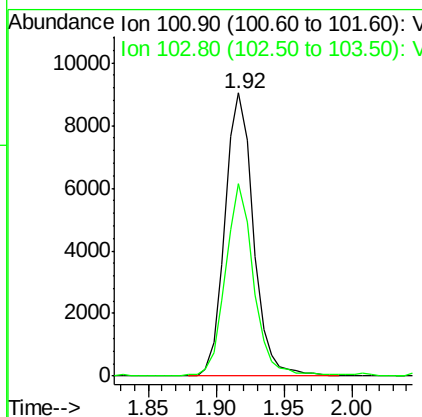
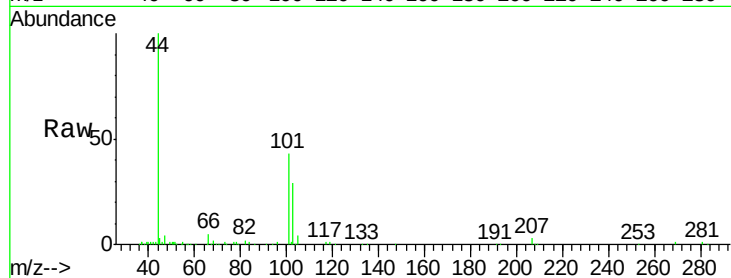
Trichlorofluoromethane
Concen: 5.185 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	50.8	76.2

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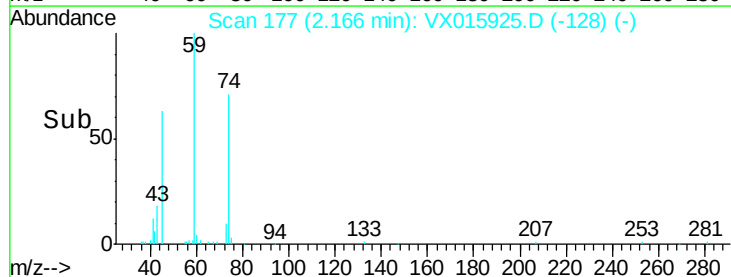
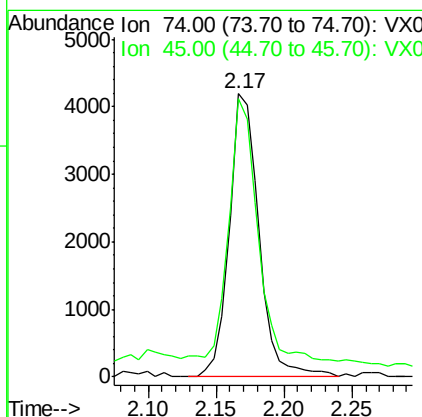
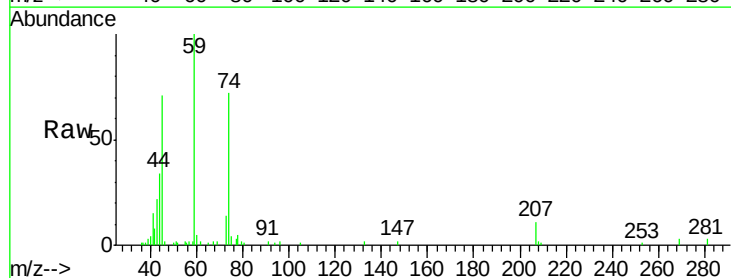
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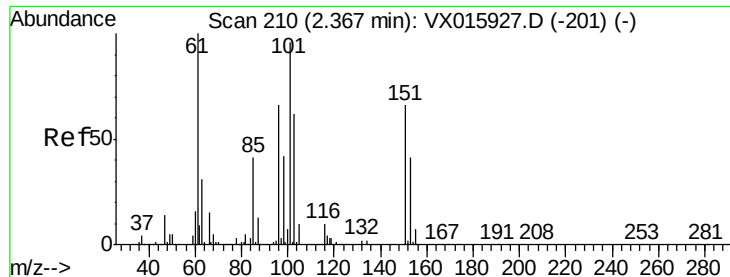


#8

Diethyl Ether
Concen: 5.227 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	46.9	140.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.364 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

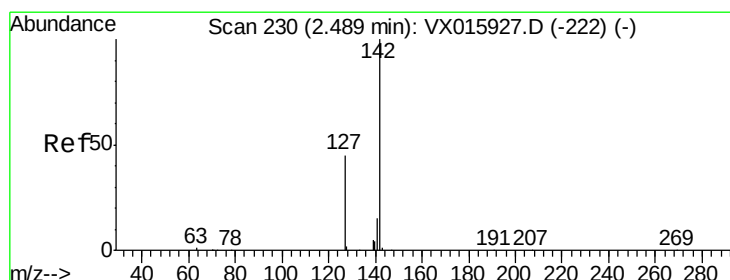
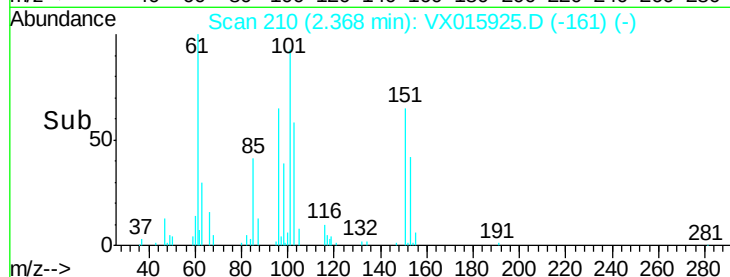
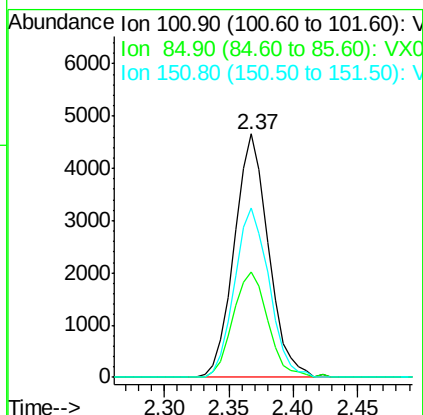
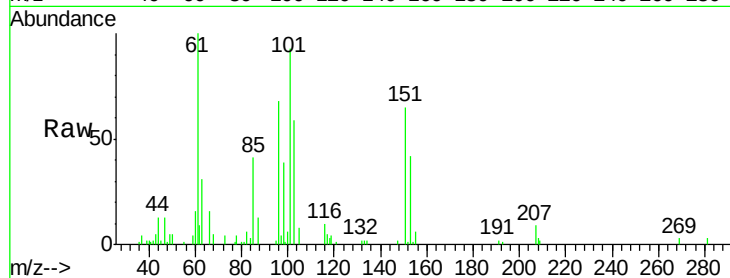
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	8577
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.9	52.3
151	70.4	55.8	83.6

Manual Integrations
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4/27/2020 11:37:06 AM



#10

Methyl Iodide

Concen: 4.437 ug/l

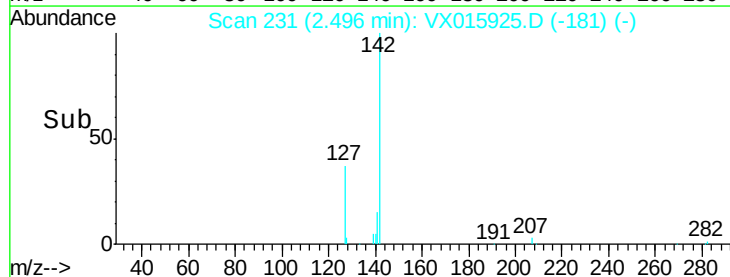
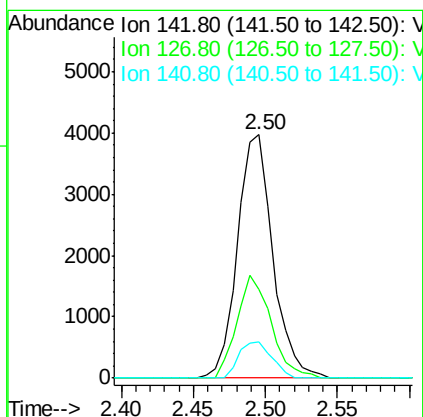
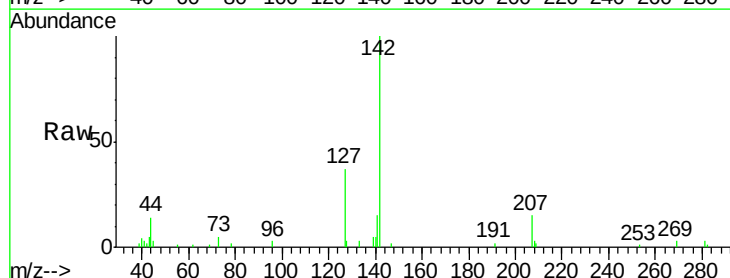
RT: 2.50 min Scan# 231

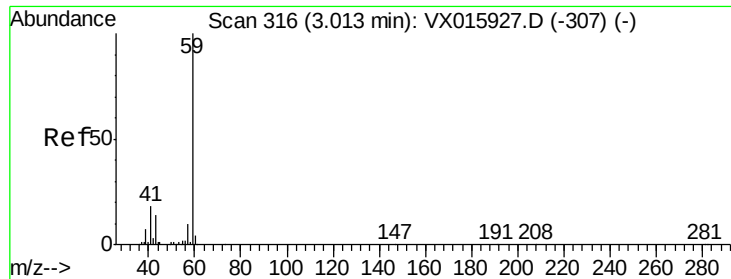
Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	142	Resp:	6775
Ion Ratio	Lower	Upper	
142	100		
127	40.8	34.4	51.6
141	13.8	11.5	17.3





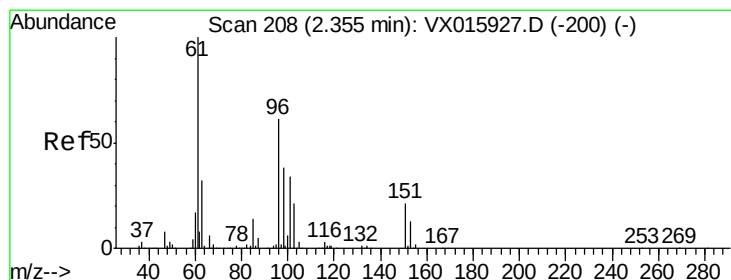
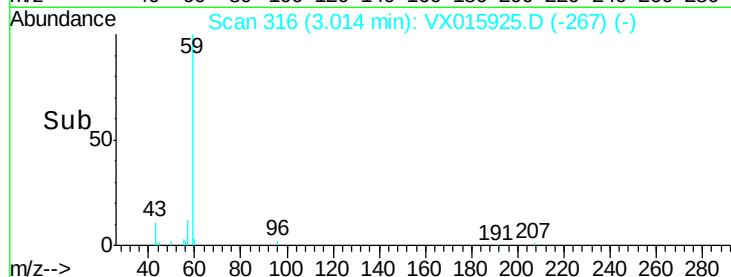
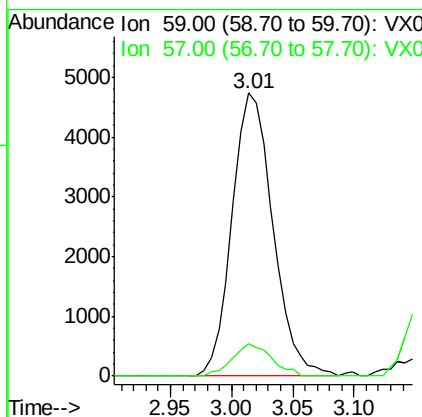
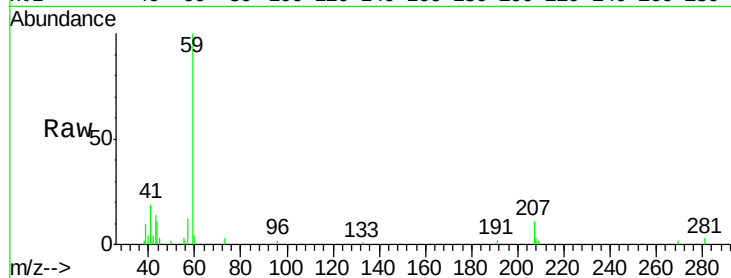
#11
Tert butyl alcohol
Concen: 25.087 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

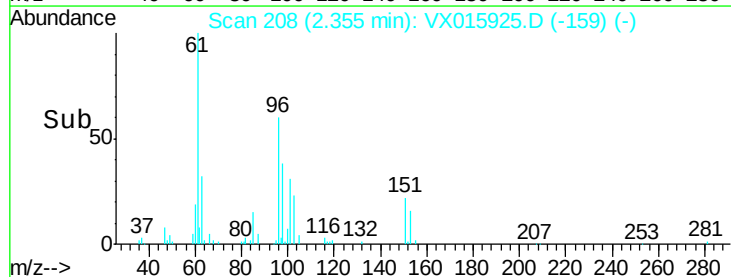
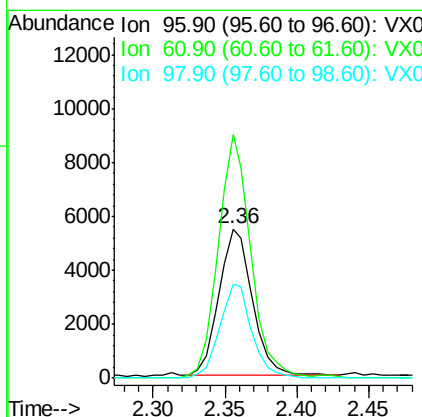
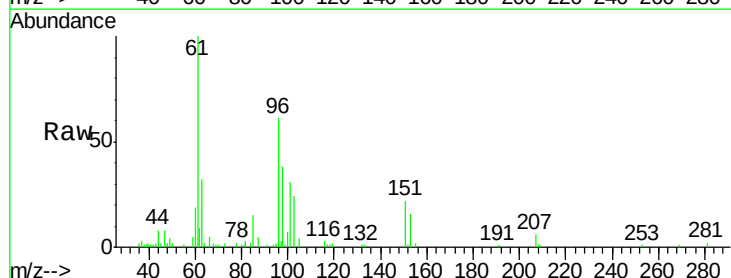
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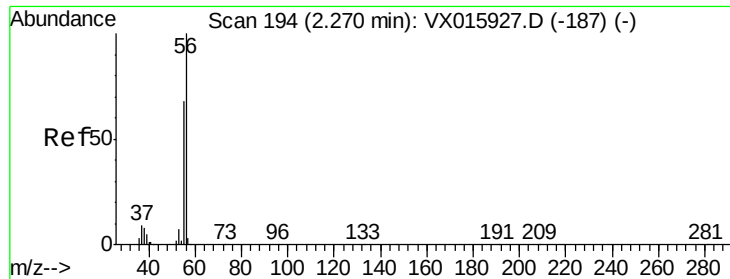
MMDadoda
4/27/2020 11:37:06 AM



#12
1,1-Dichloroethene
Concen: 5.278 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	131.2	196.8
98	63.6	50.2	75.4





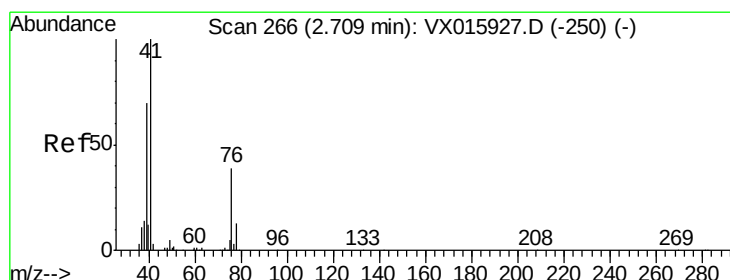
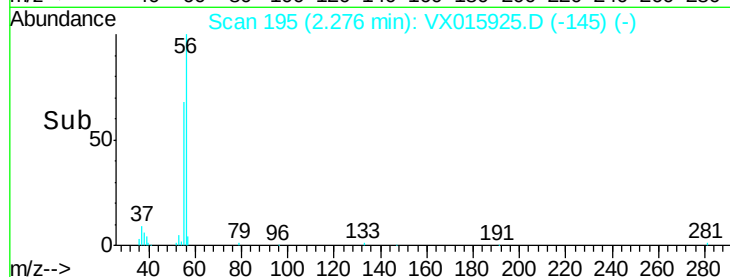
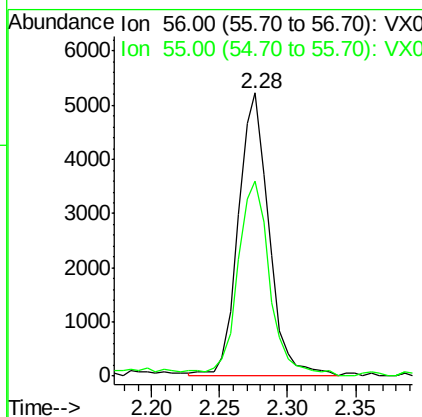
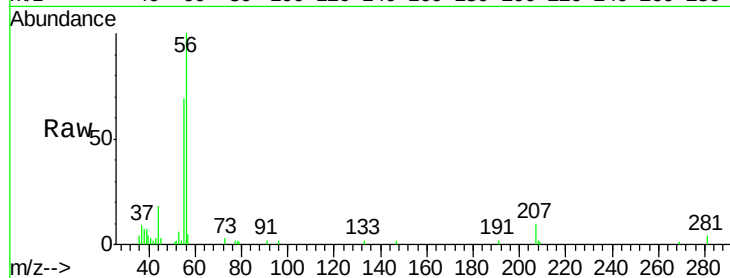
#13
Acrolein
Concen: 28.399 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.0	84.0

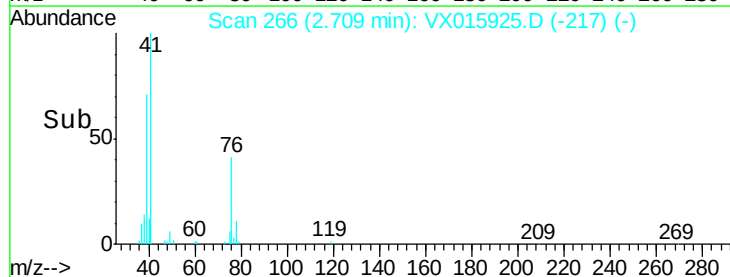
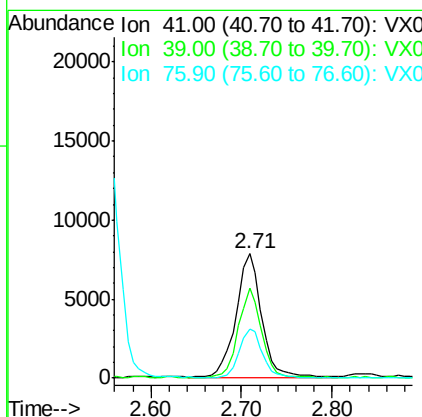
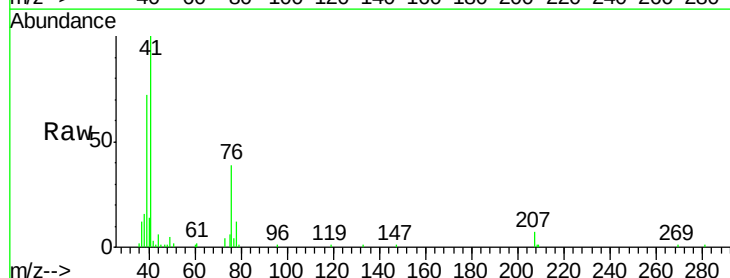
Manual Integrations
APPROVED

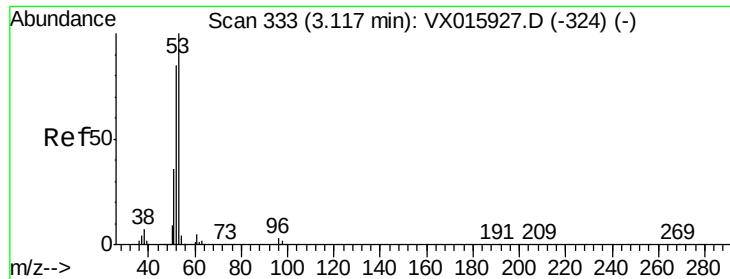
MMDadoda
4/27/2020 11:37:06 AM



#14
Allyl chloride
Concen: 5.314 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.6	77.4
76	35.0	29.3	43.9





#15

Acrylonitrile

Concen: 26.201 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

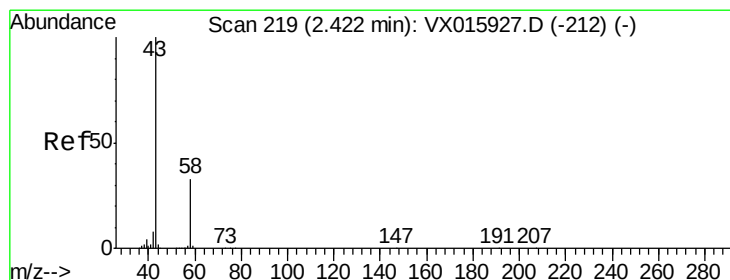
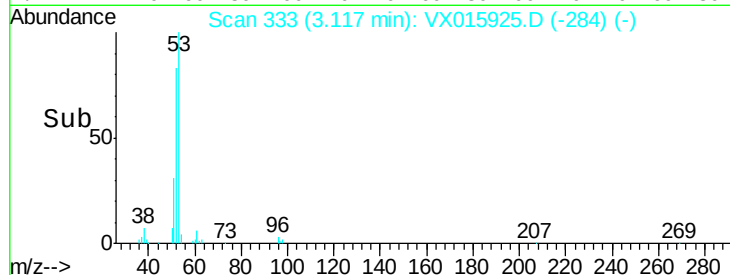
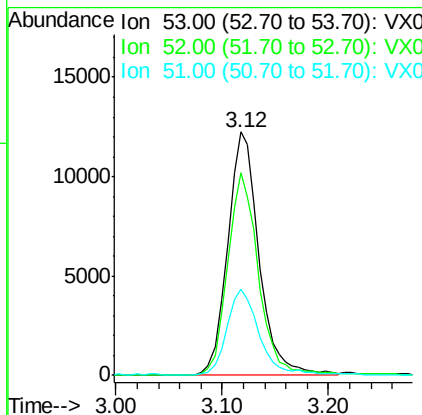
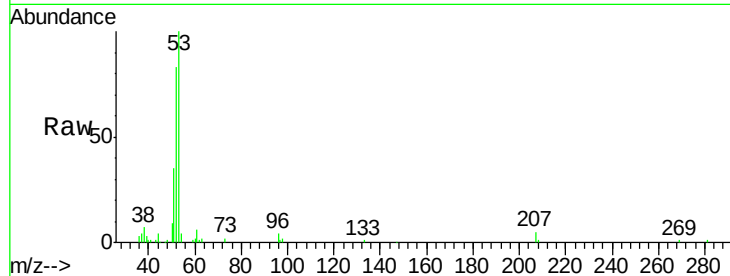
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	25318
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	36.7	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 25.596 ug/l

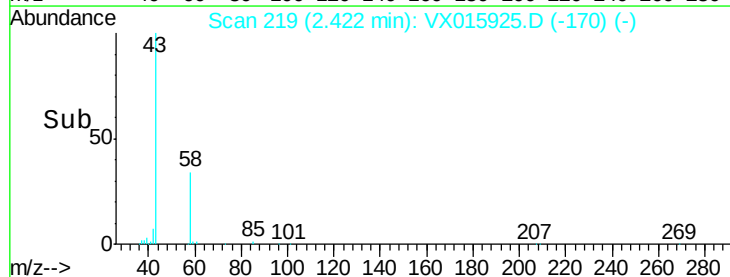
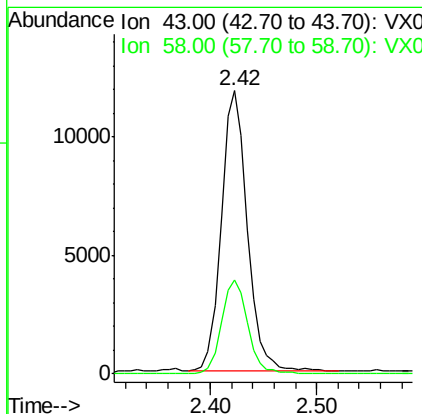
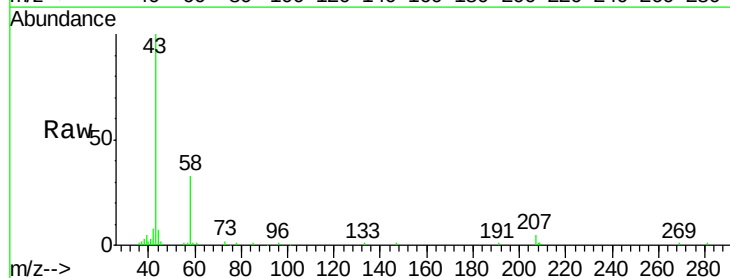
RT: 2.42 min Scan# 219

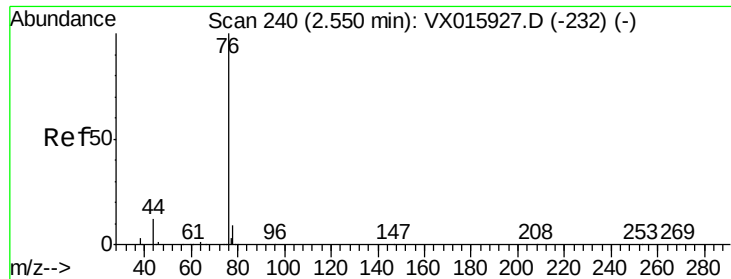
Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	43	Resp:	20078
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.4	39.6





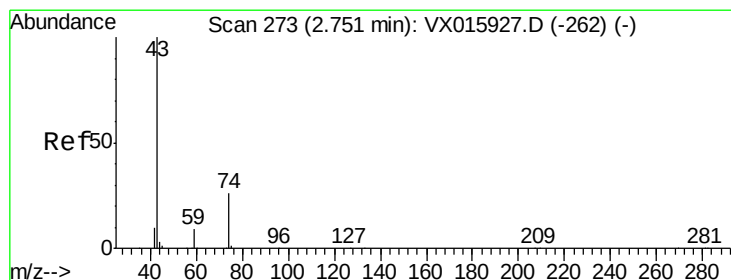
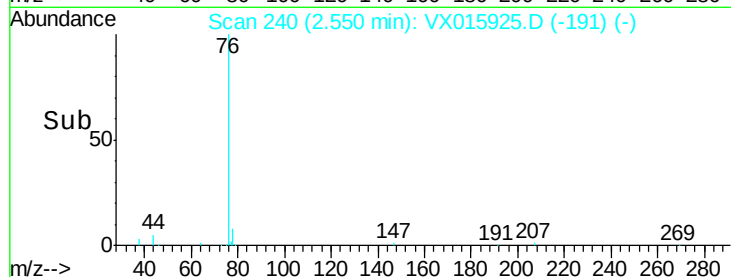
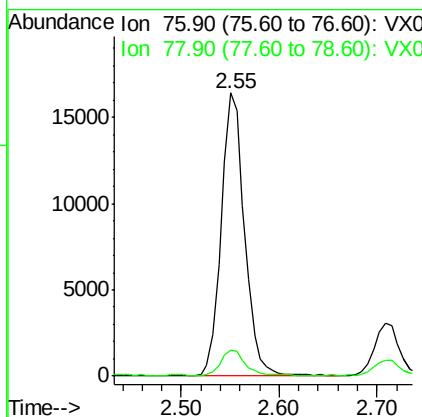
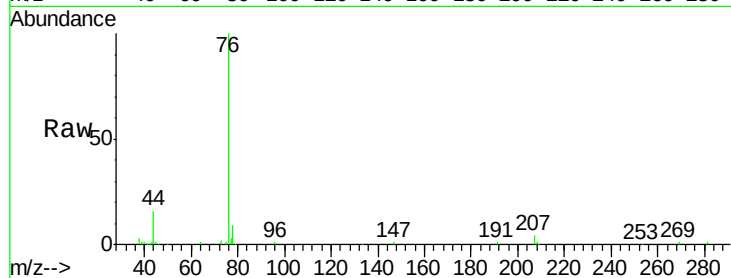
#17
Carbon Disulfide
Concen: 5.073 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

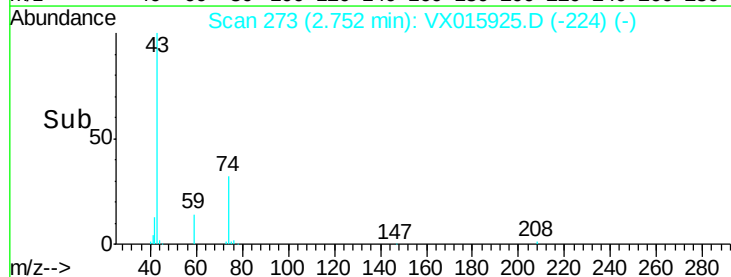
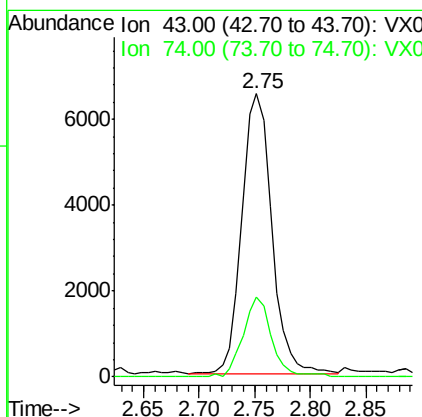
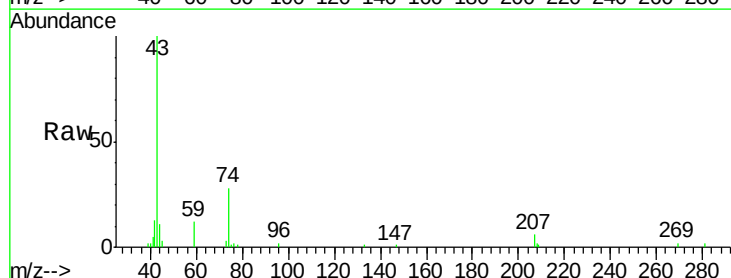
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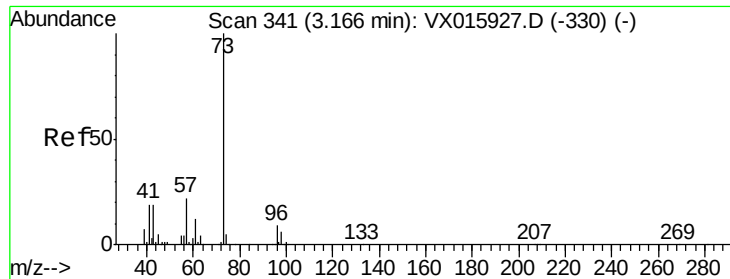
MMDadoda
4/27/2020 11:37:06 AM



#18
Methyl Acetate
Concen: 5.223 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	21.0	31.4





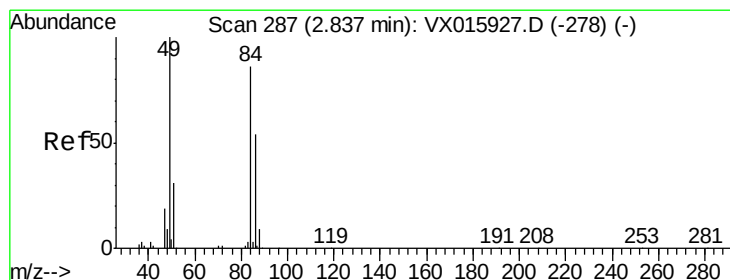
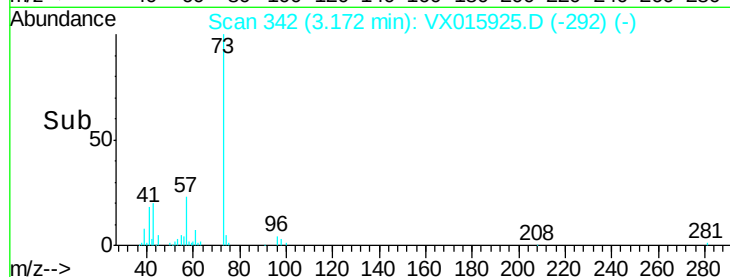
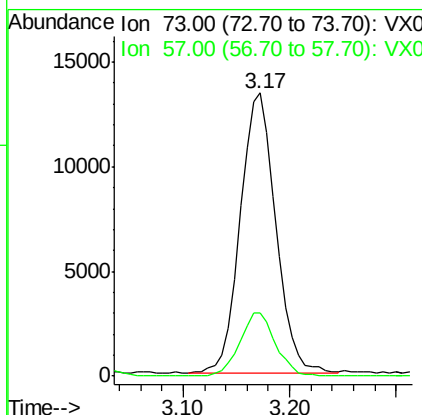
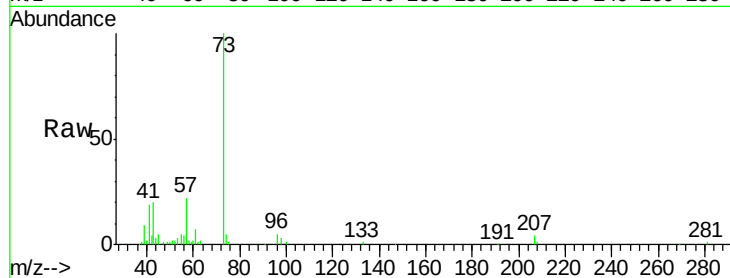
#19
Methyl tert-butyl Ether
Concen: 5.228 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.3	25.9

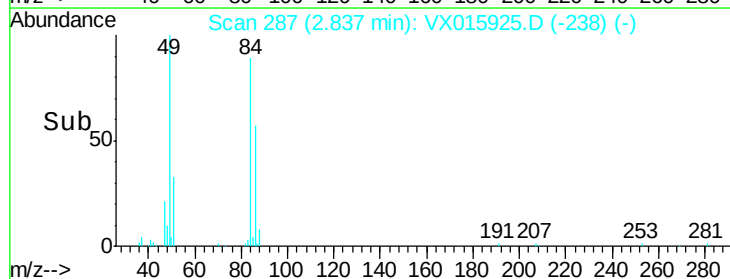
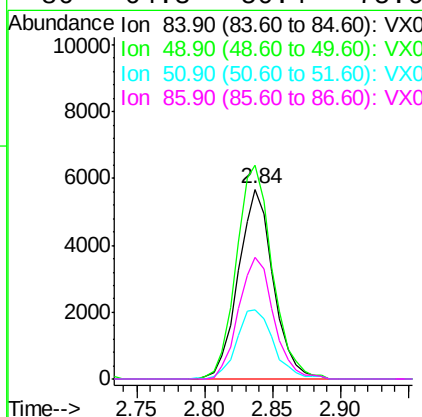
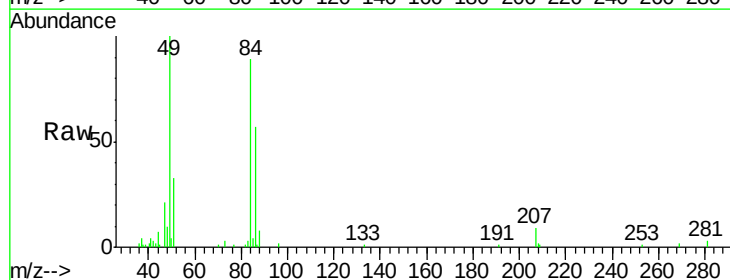
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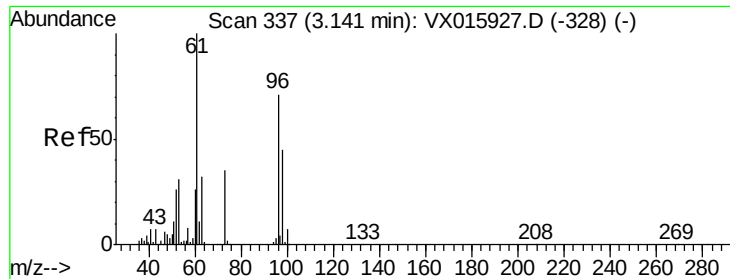
MMDadoda
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#20
Methylene Chloride
Concen: 5.247 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.7	93.0	139.6
51	36.7	28.6	43.0
86	64.3	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 5.267 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

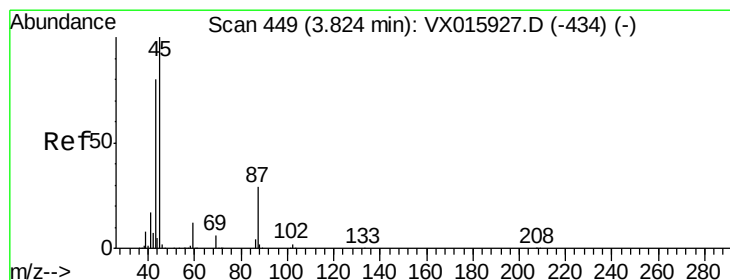
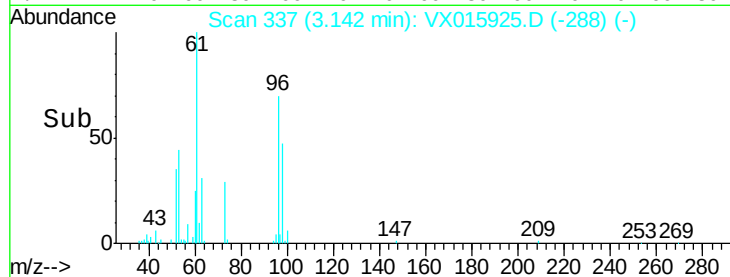
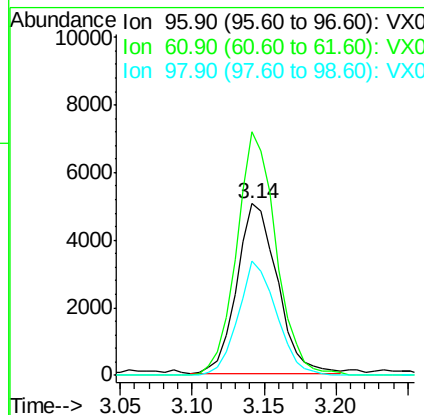
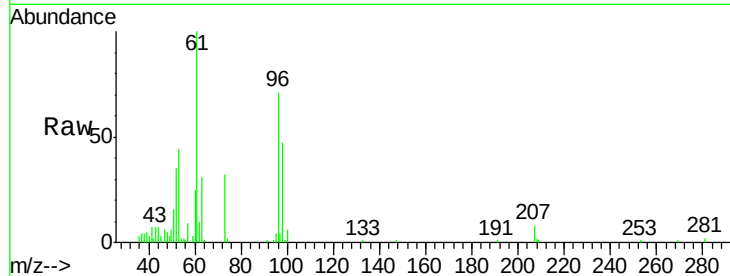
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	9843
Ion	Ratio	Lower	Upper
96	100		
61	143.2	112.7	169.1
98	67.3	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.262 ug/l

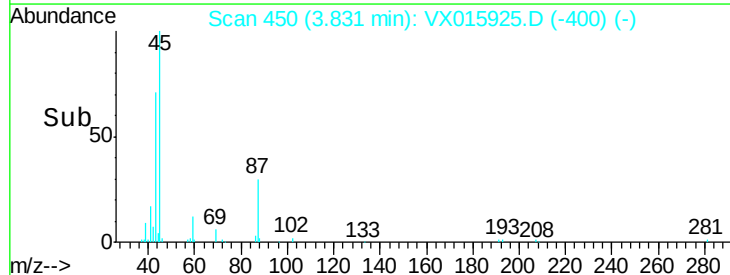
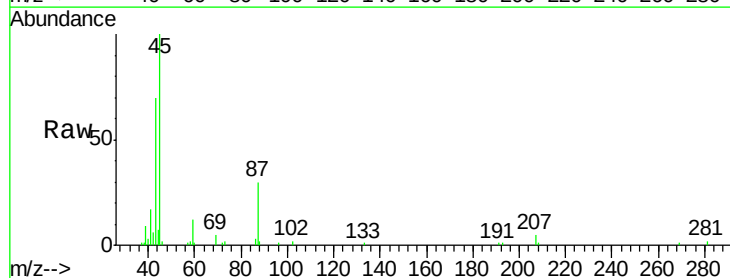
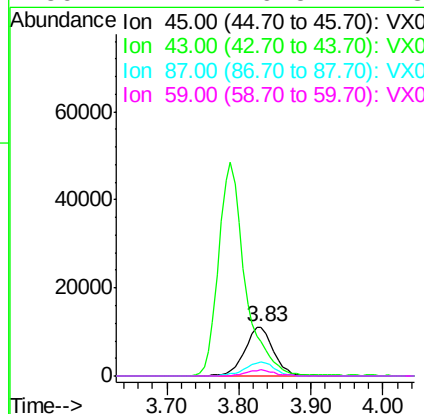
RT: 3.83 min Scan# 450

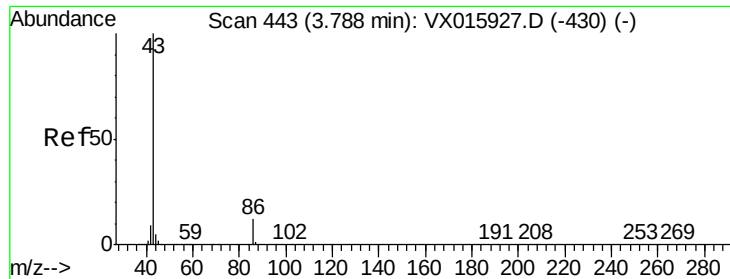
Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	45	Resp:	30825
Ion	Ratio	Lower	Upper
45	100		
43	69.6	63.8	95.6
87	29.8	22.9	34.3
59	12.1	9.5	14.3





#23

Vinyl Acetate

Concen: 26.339 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tot Ion: 43 Resp: 125185

Ion Ratio Lower Upper

43 100

86 11.4 9.4 14.2

Instrument :

MSVOA_X

ClientSampleId :

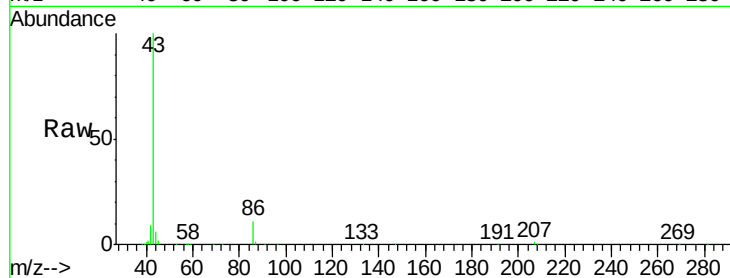
VSTDIC005

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

50000

40000

30000

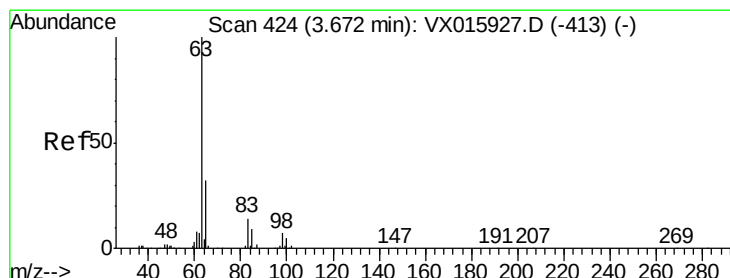
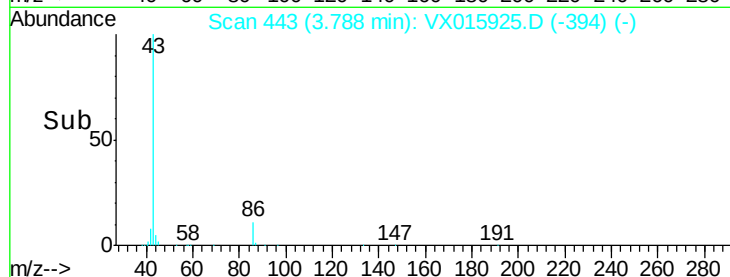
20000

10000

0

Time-->

3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 5.279 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

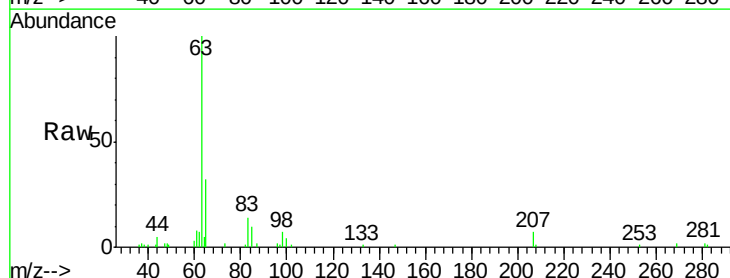
Tgt Ion: 63 Resp: 17598

Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

10000

8000

6000

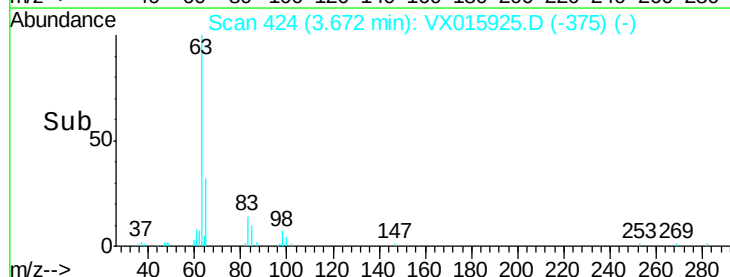
4000

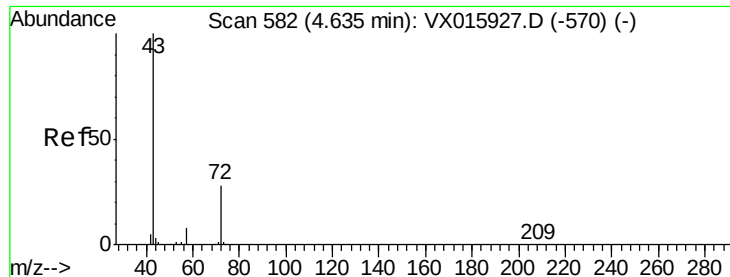
2000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 25.697 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 32285

Ion Ratio Lower Upper

43 100

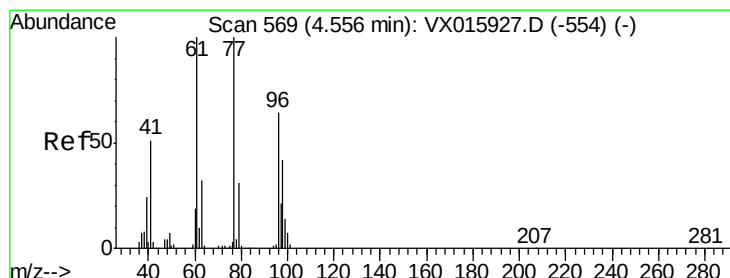
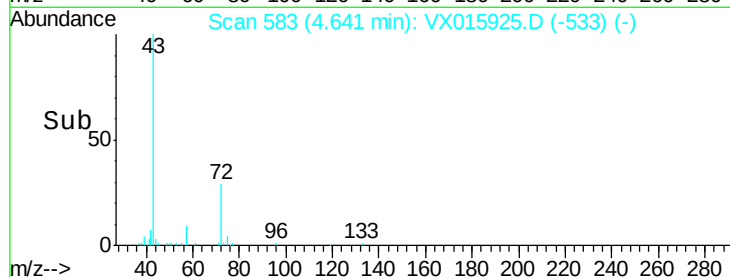
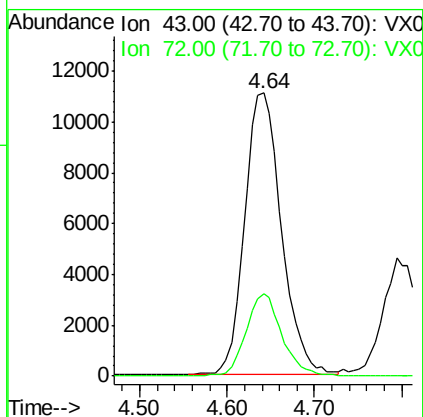
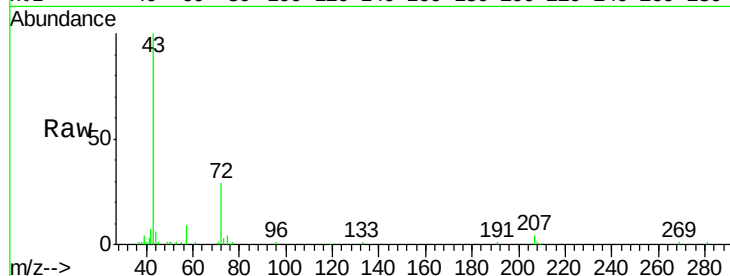
72 29.3 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.428 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX015925.D

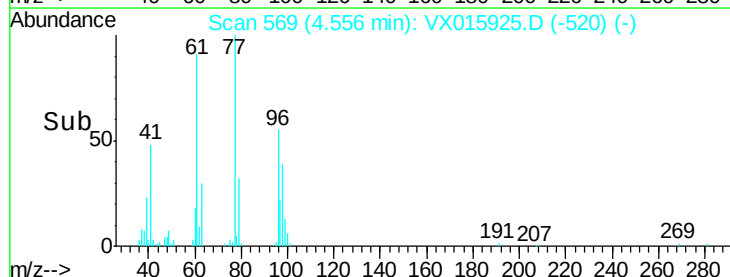
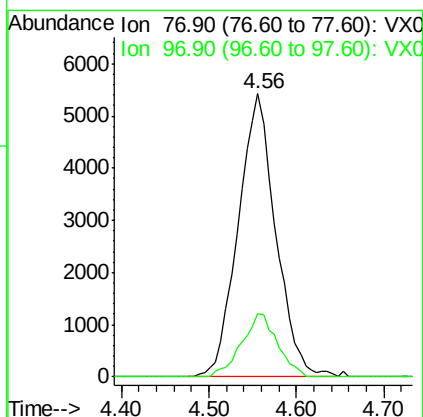
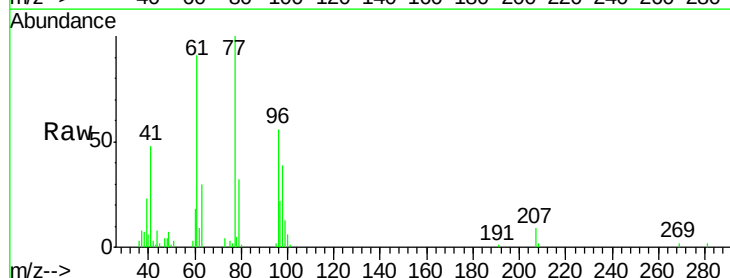
Acq: 24 Apr 2020 11:27

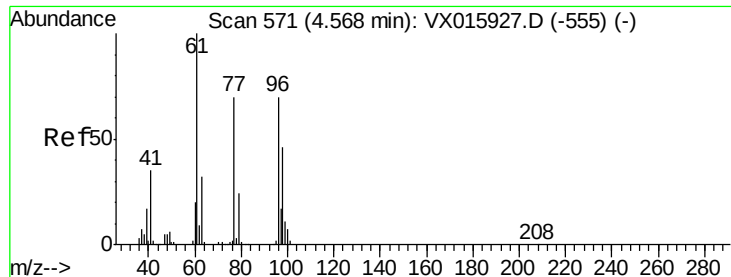
Tgt Ion: 77 Resp: 16149

Ion Ratio Lower Upper

77 100

97 21.2 11.3 33.9





#27

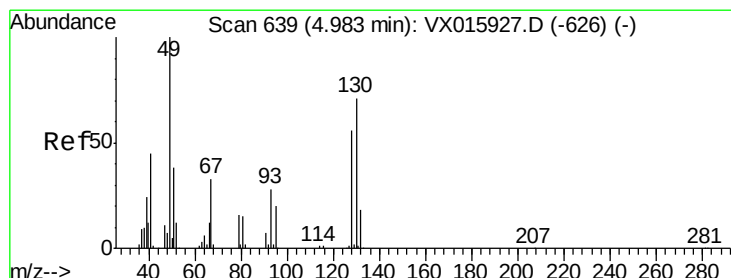
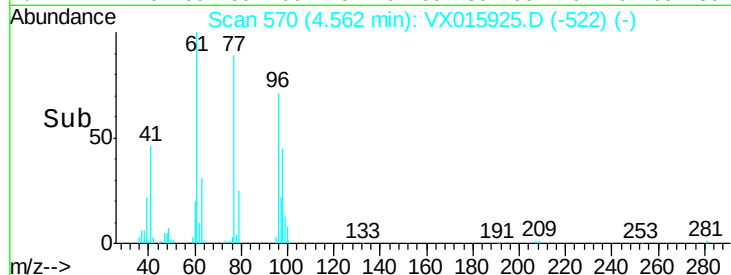
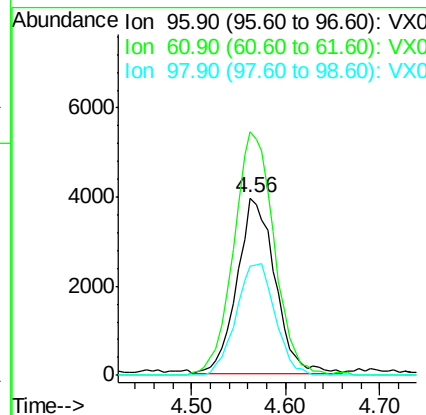
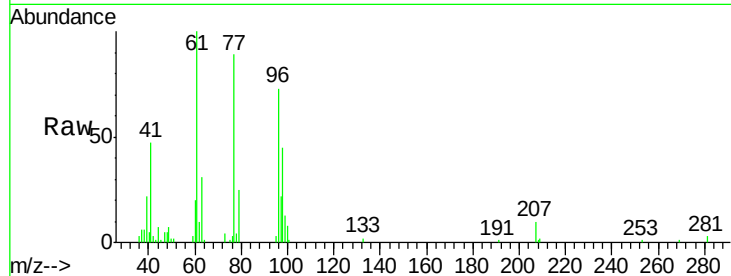
cis-1,2-Dichloroethene
 Concen: 5.179 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.4	0.0	293.4	
98	65.5	0.0	129.0	

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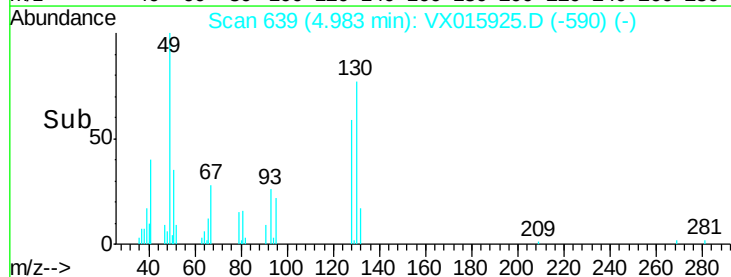
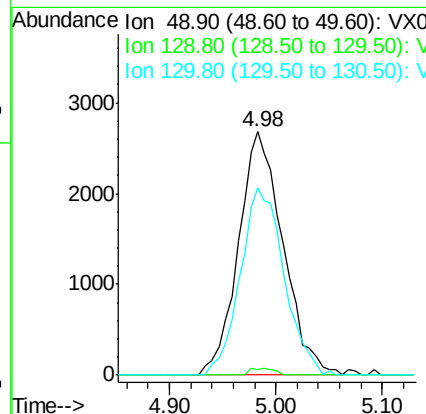
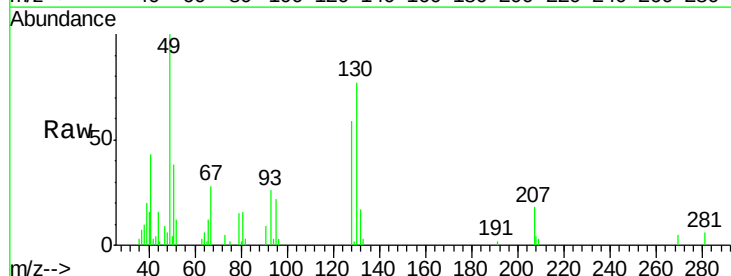
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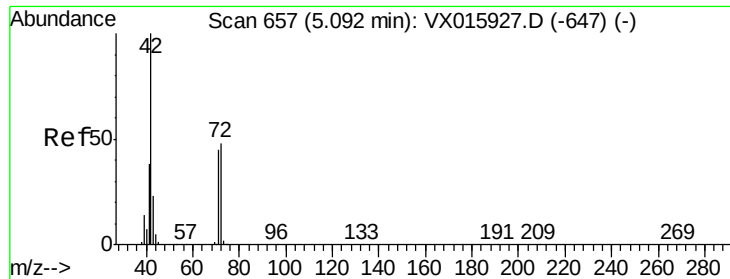


#28

Bromochloromethane
 Concen: 5.277 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.8	
130	75.7	60.7	91.1	





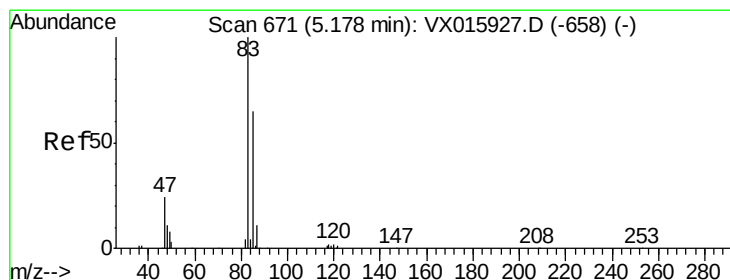
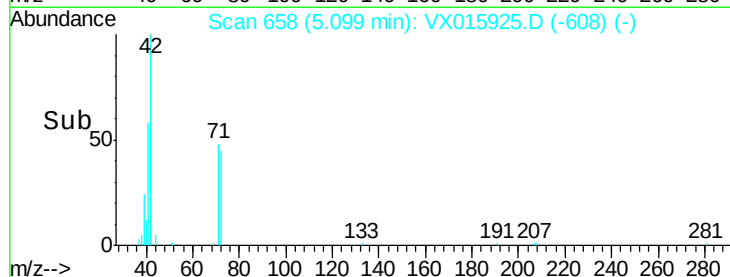
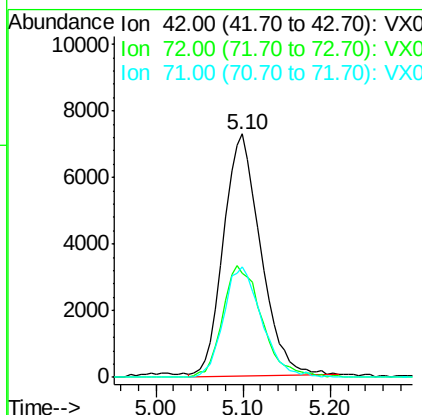
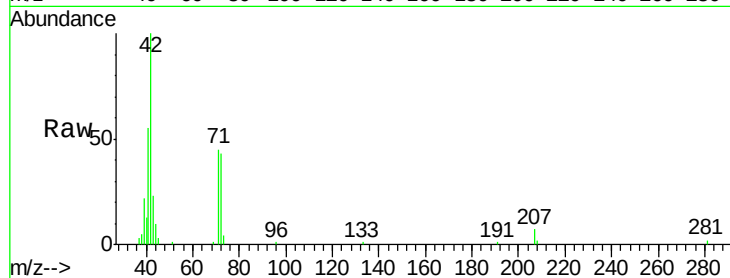
#29
Tetrahydrofuran
Concen: 25.749 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	39.5	59.3
71	46.6	36.4	54.6

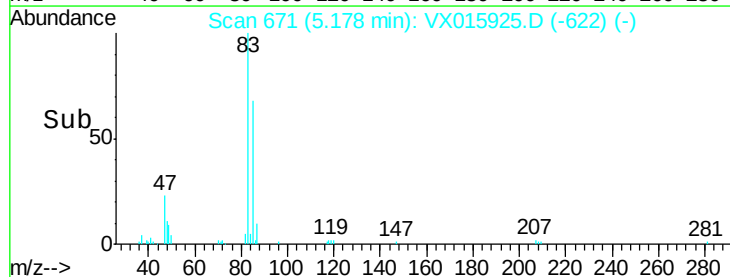
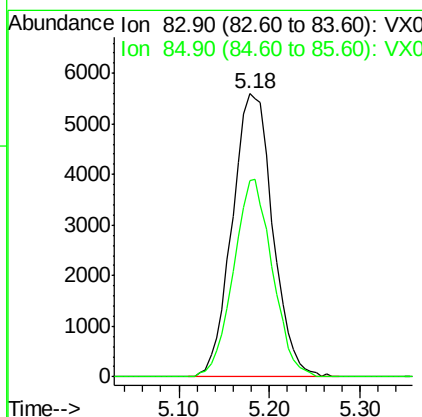
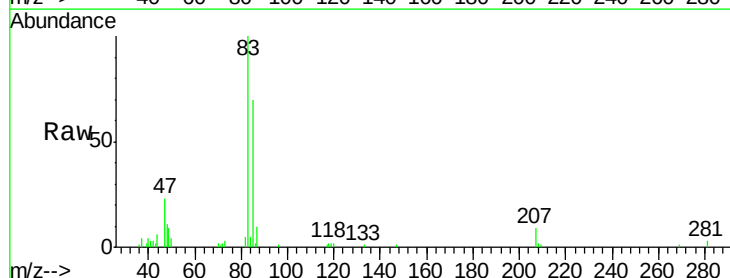
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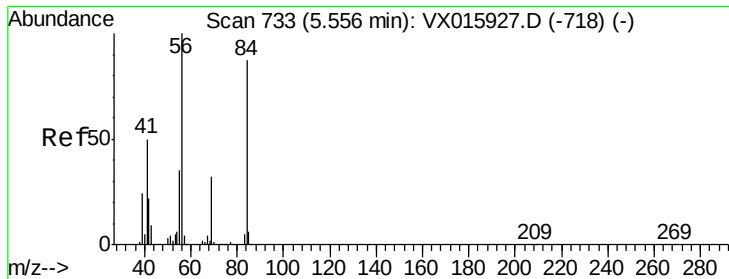
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#30
Chloroform
Concen: 5.268 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.7	77.5





#31

Cyclohexane

Concen: 5.385 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

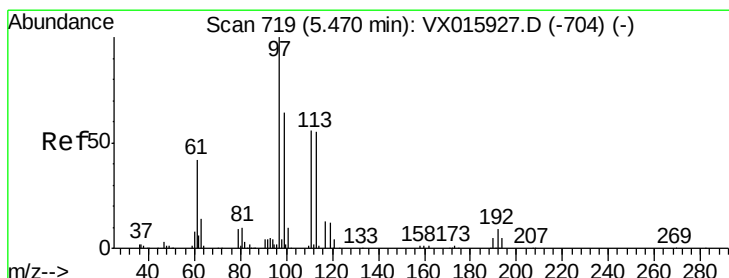
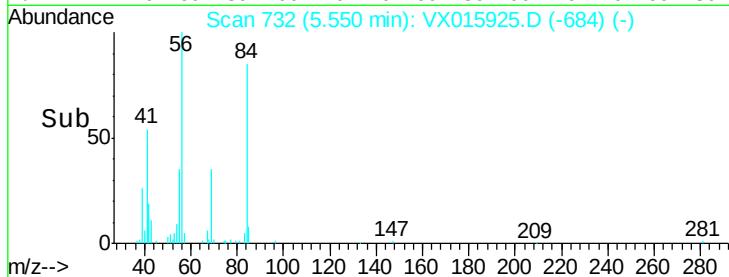
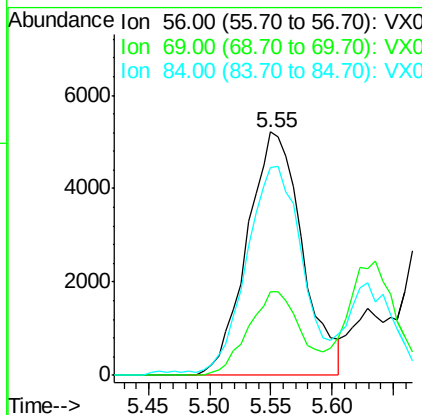
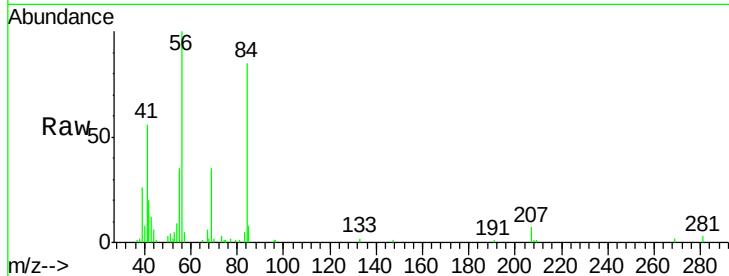
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	16322
Ion	Ratio	Lower	Upper
56	100		
69	34.6	25.4	38.0
84	83.9	69.5	104.3

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#32

1,1,1-Trichloroethane

Concen: 5.199 ug/l

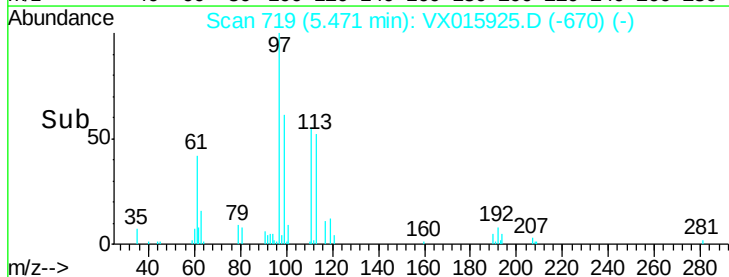
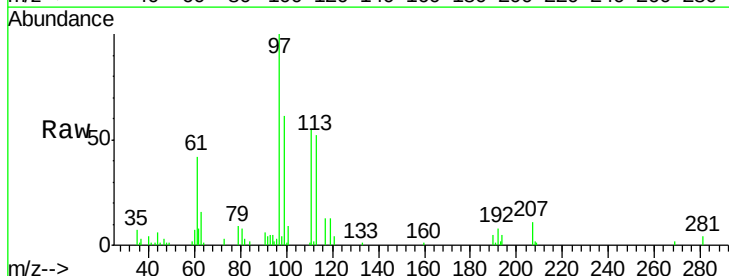
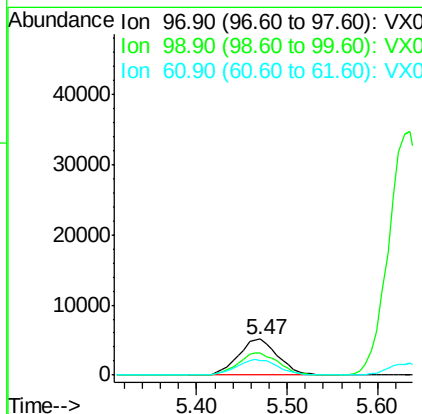
RT: 5.47 min Scan# 719

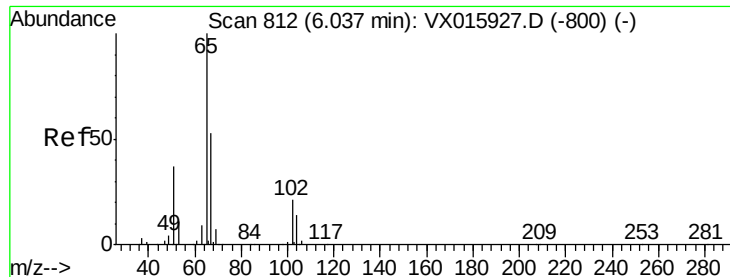
Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	97	Resp:	15536
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.1	76.7
61	45.0	35.0	52.4





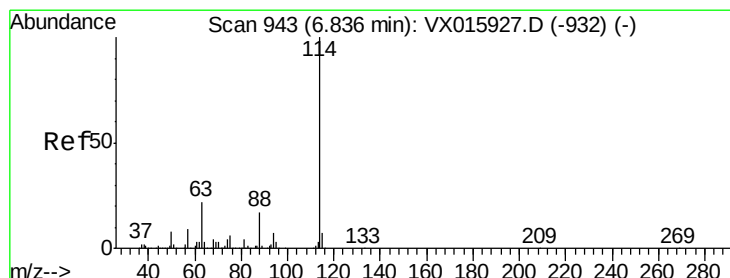
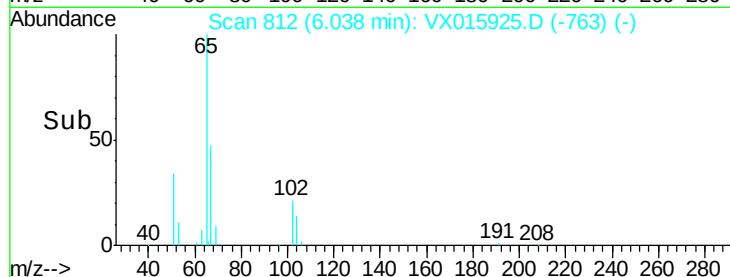
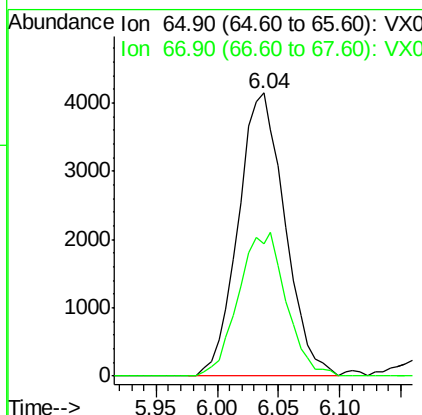
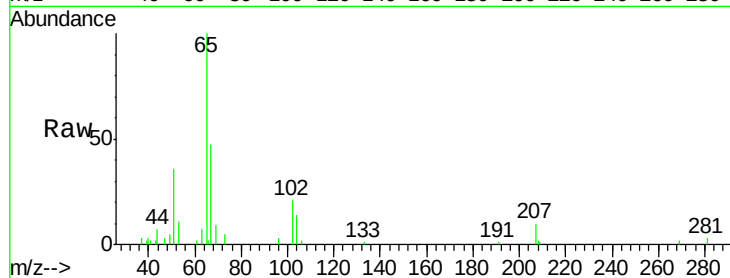
#33
 1,2-Dichloroethane-d4
 Concen: 5.199 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6

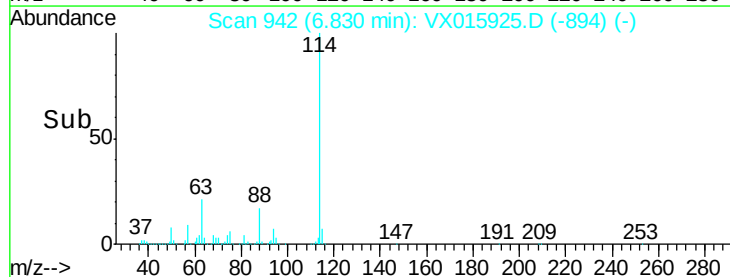
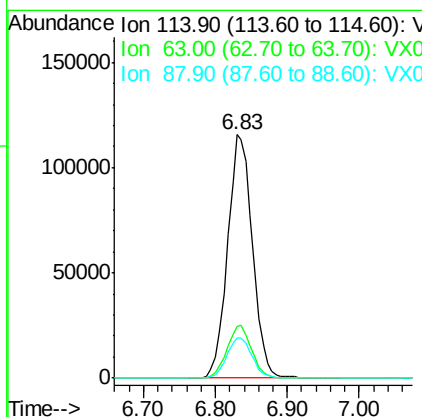
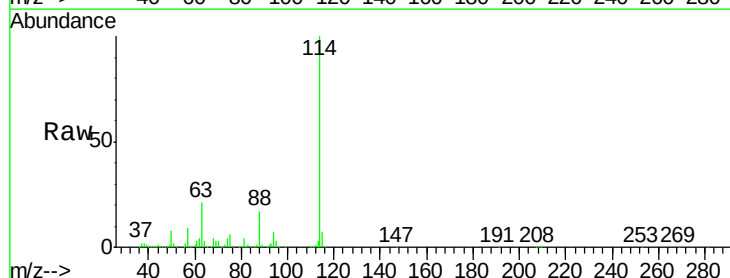
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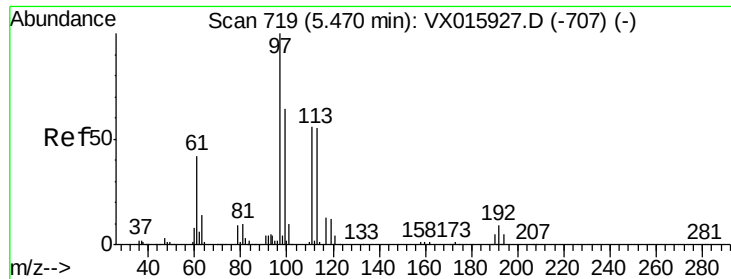
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.4
88	16.7	0.0	34.2





#35

Dibromofluoromethane

Concen: 5.092 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

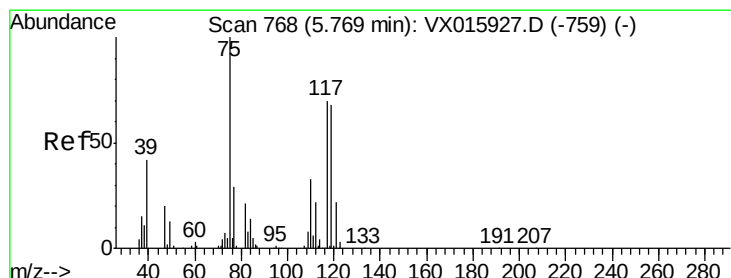
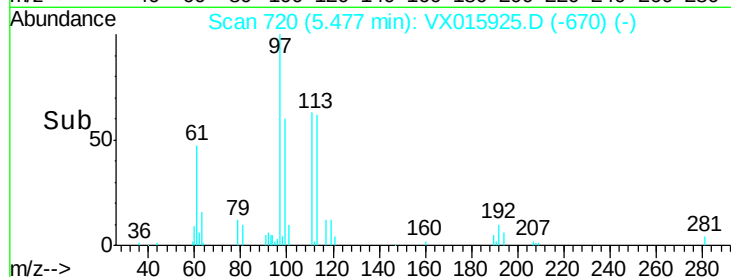
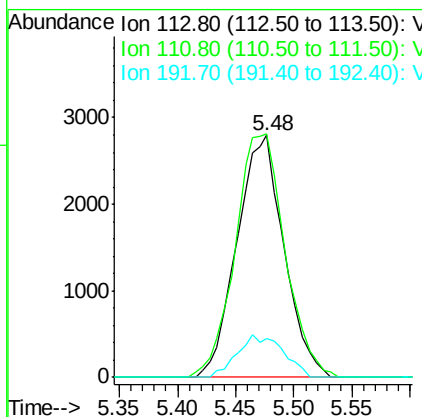
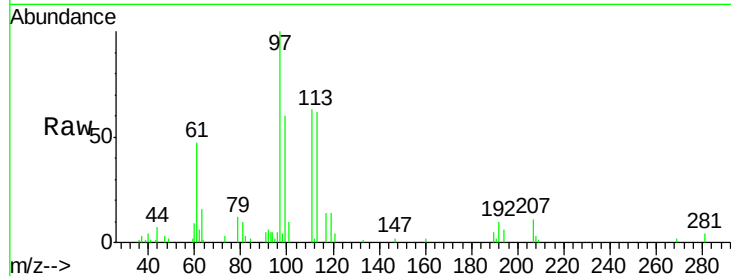
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	7857
Ion Ratio	Lower	Upper	
113	100		
111	106.3	81.2	121.8
192	17.2	13.6	20.4

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#36

1,1-Dichloropropene

Concen: 5.147 ug/l

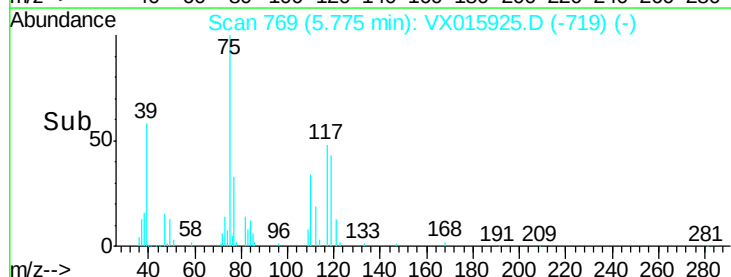
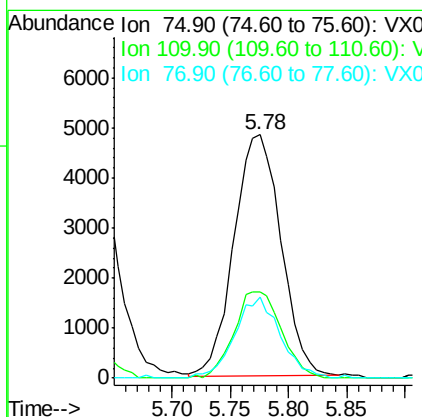
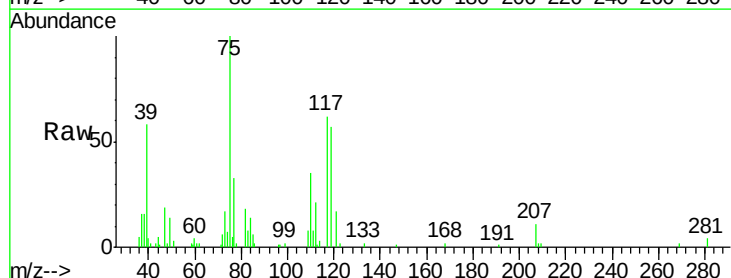
RT: 5.78 min Scan# 769

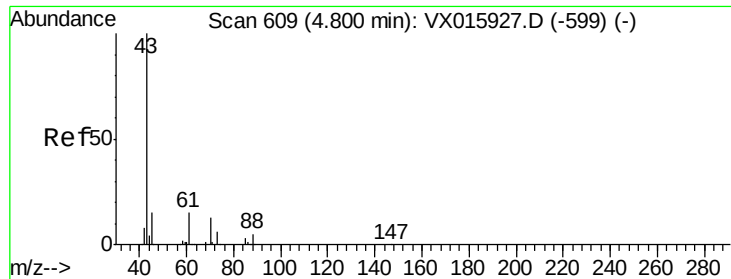
Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	75	Resp:	13503
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.1	51.3
77	32.5	25.0	37.4





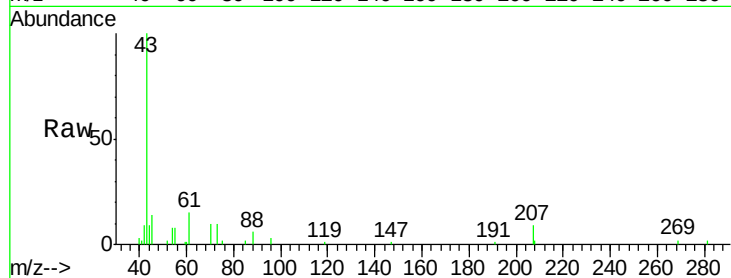
#37
Ethyl Acetate
Concen: 5.129 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	13470
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.6	17.4
70	12.2	9.8	14.6

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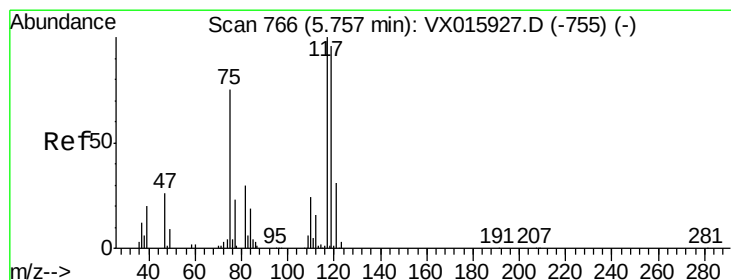
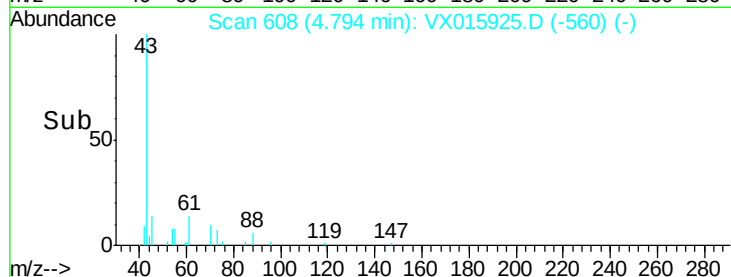
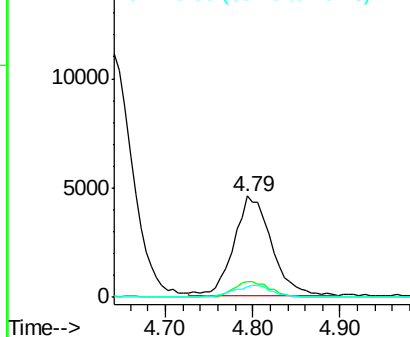


Abundance

Ion 43.00 (42.70 to 43.70): VX0

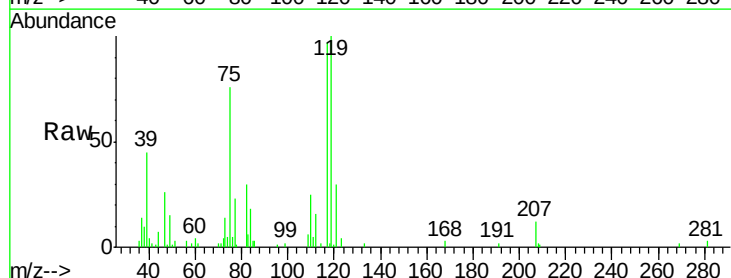
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 5.306 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion:	117	Resp:	12551
Ion	Ratio	Lower	Upper
117	100		
119	102.8	77.0	115.6
121	31.2	25.0	37.4

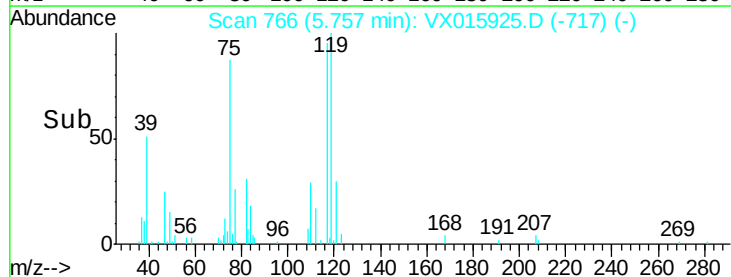
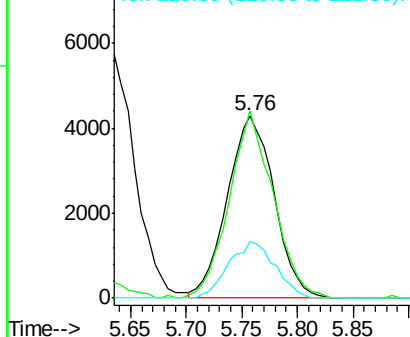


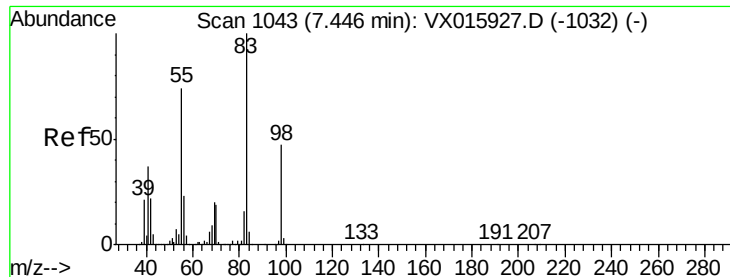
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





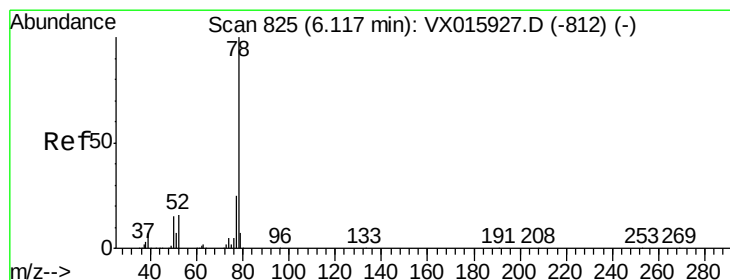
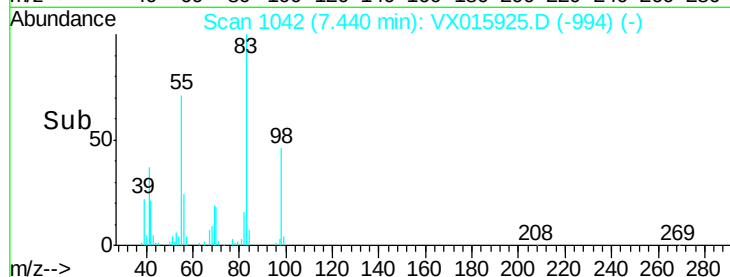
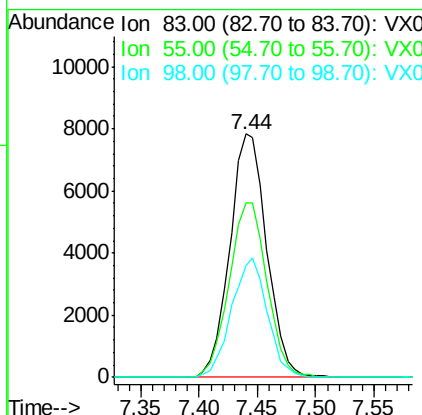
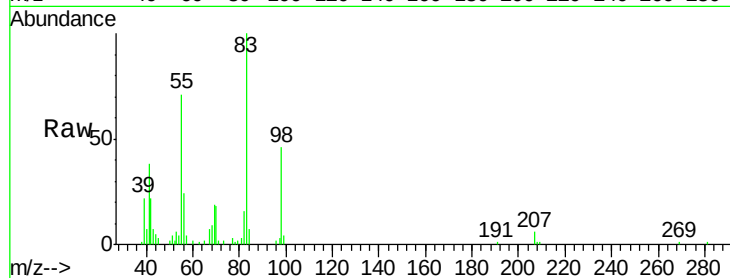
#39
Methylvlcyclohexane
Concen: 5.476 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.0	88.4
98	46.2	37.4	56.0

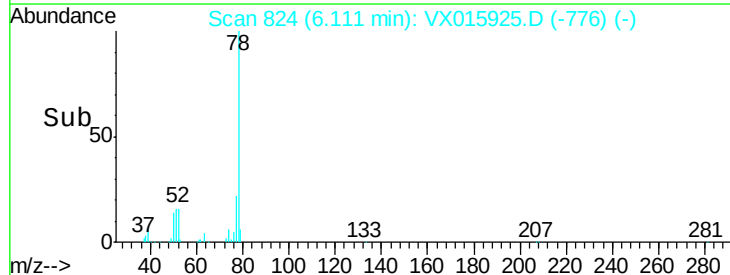
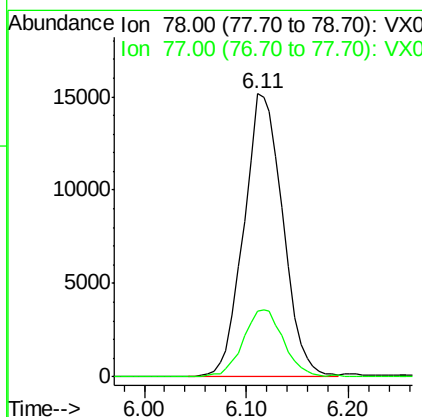
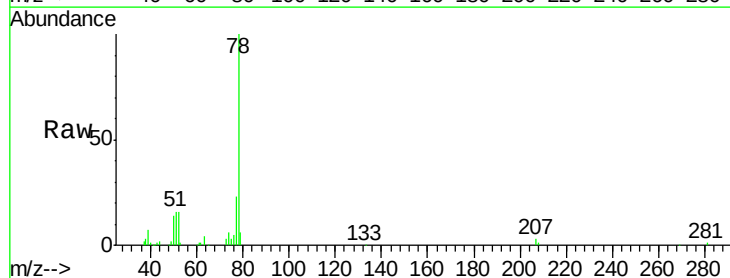
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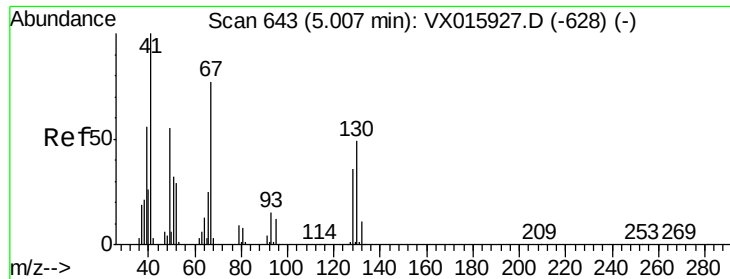
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#40
Benzene
Concen: 5.300 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8





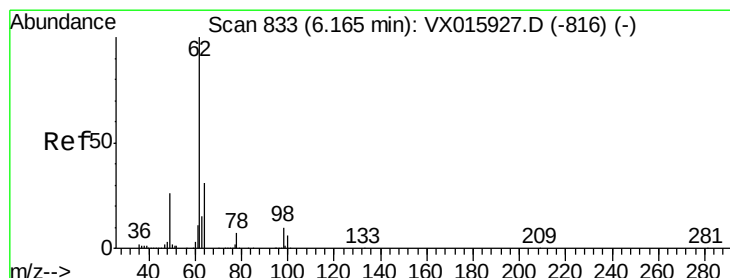
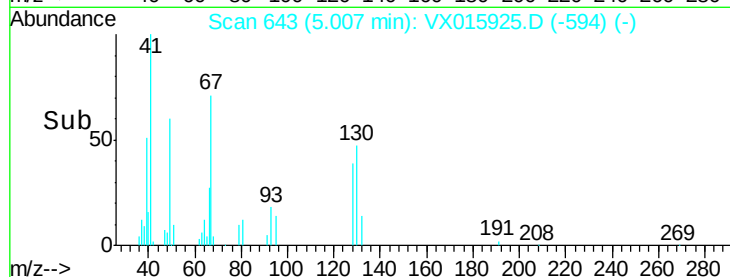
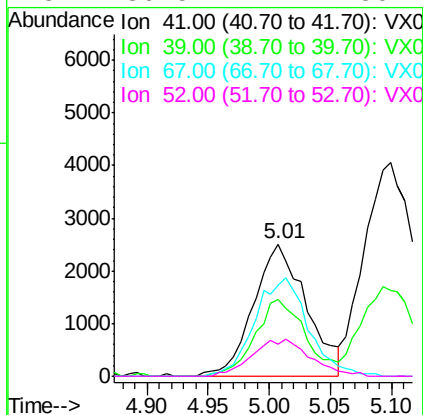
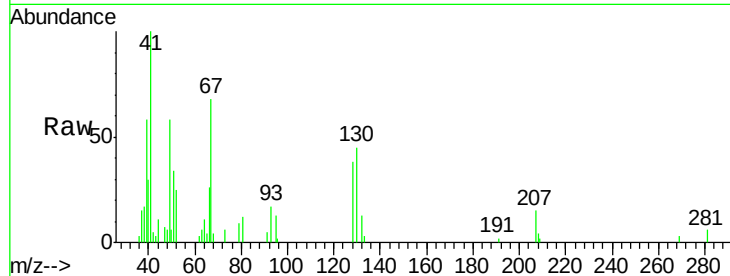
#41
Methacrylonitrile
Concen: 5.027 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	7573
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.8	64.2
67	75.2	62.0	93.0
52	30.5	24.2	36.4

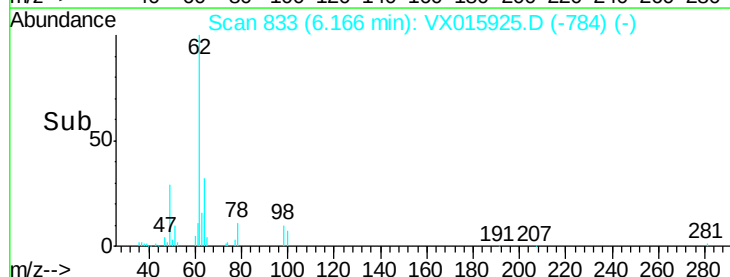
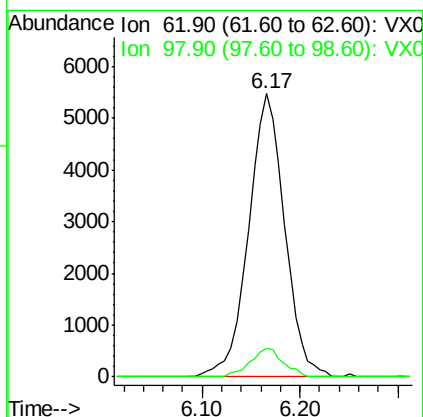
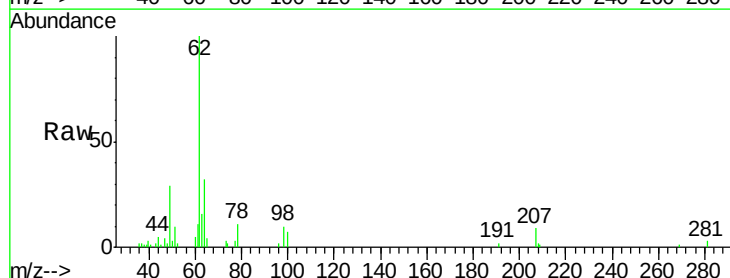
Manual Integrations
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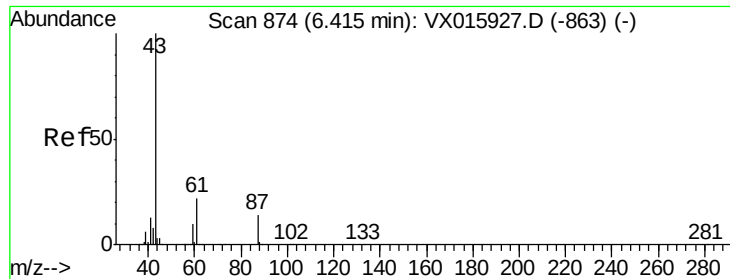
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#42
1,2-Dichloroethane
Concen: 5.240 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion:	62	Resp:	13979
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.0





#43

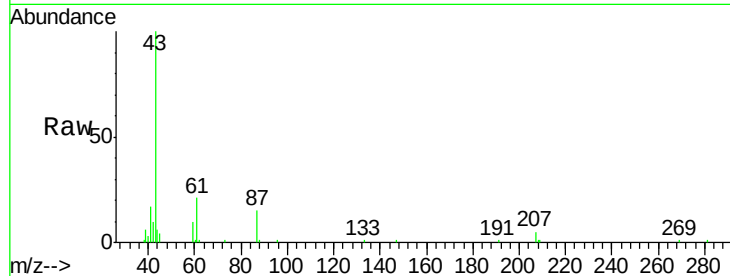
Isopropyl Acetate
 Concen: 5.220 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

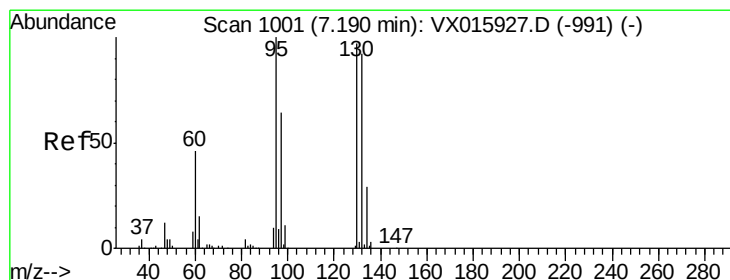
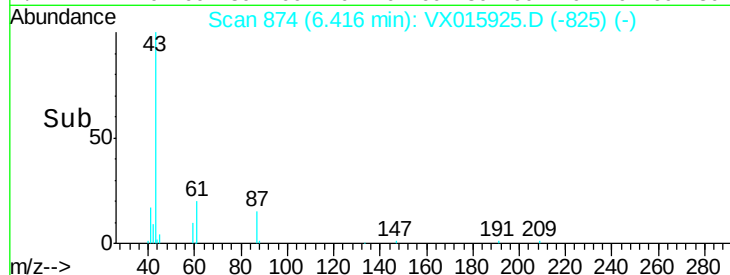
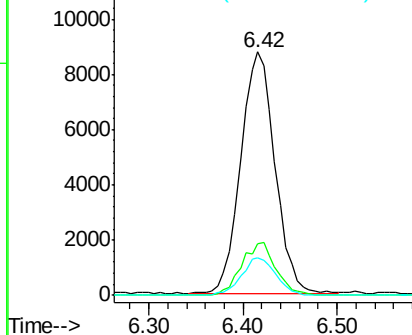
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.6	26.4
87	15.5	11.6	17.4

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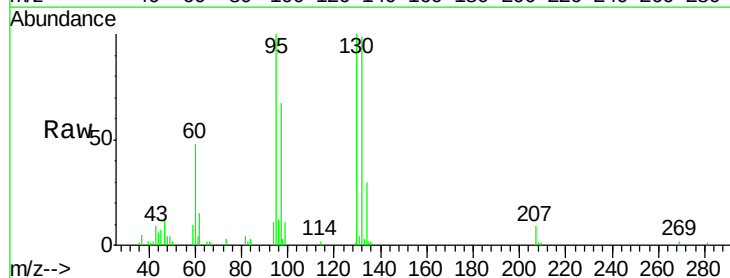
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



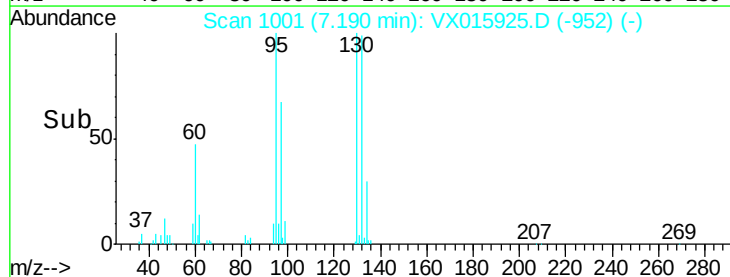
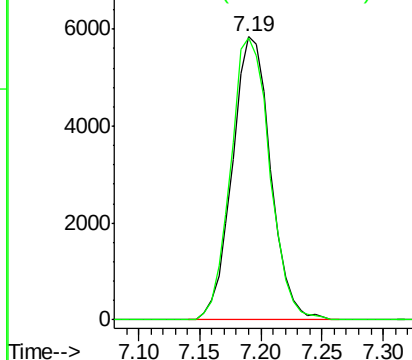
#44

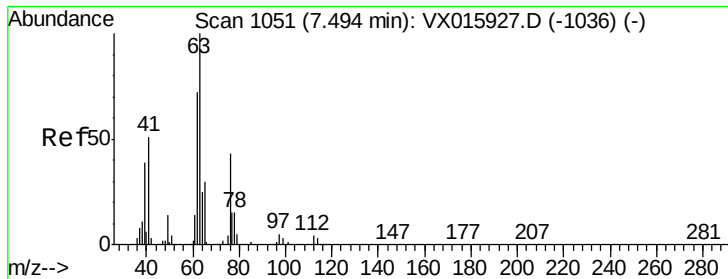
Trichloroethene
 Concen: 5.363 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	205.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





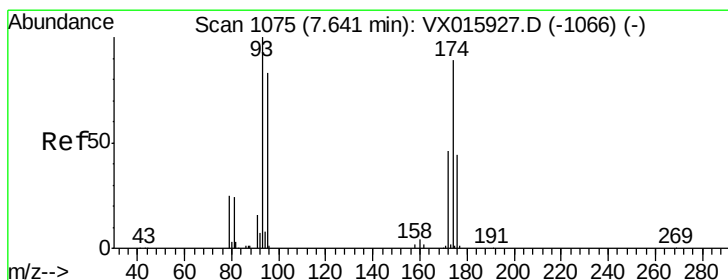
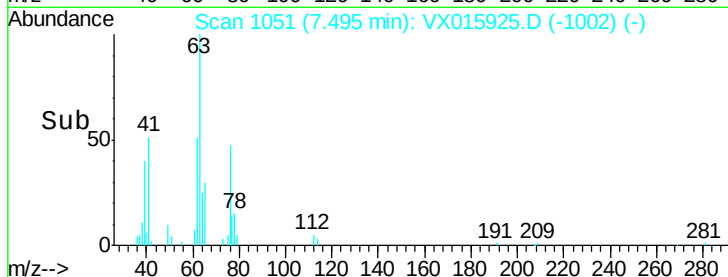
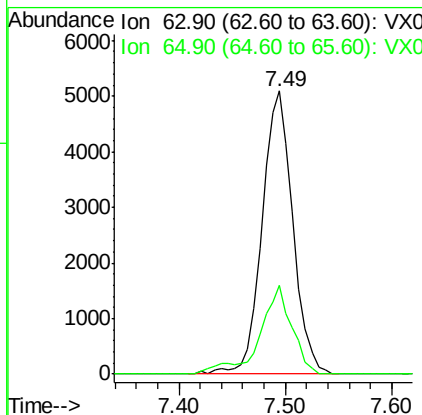
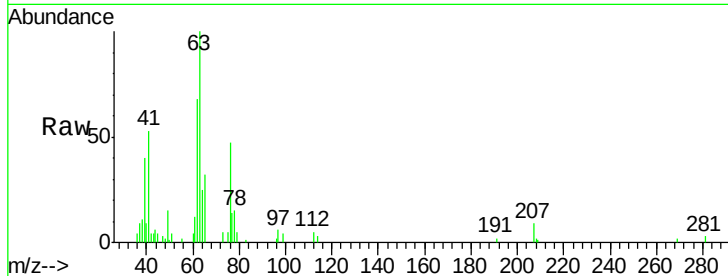
#45
 1,2-Dichloropropane
 Concen: 5.285 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.3	36.5

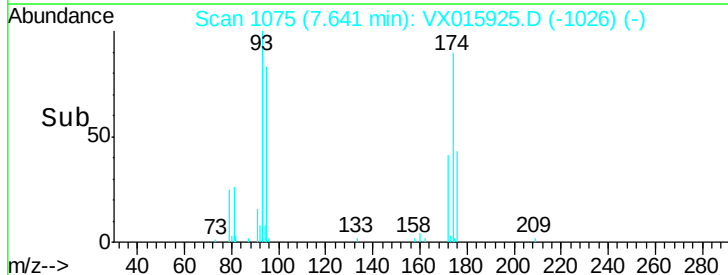
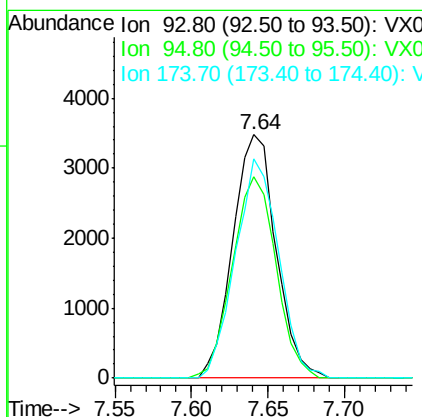
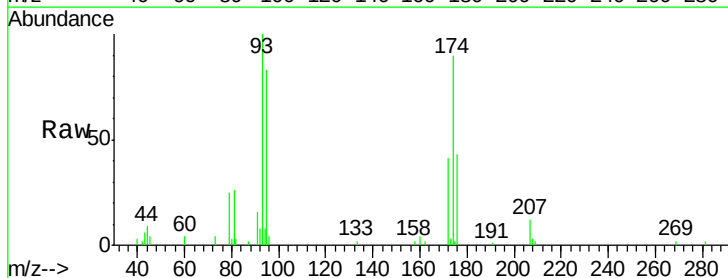
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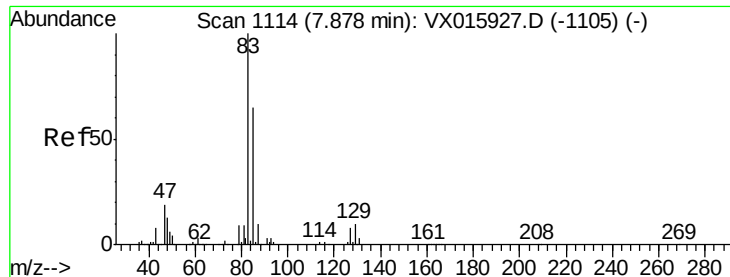
MMDadoda
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#46
 Dibromomethane
 Concen: 5.253 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.7	98.5
174	89.9	70.6	105.8





#47

Bromodichloromethane

Concen: 5.247 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

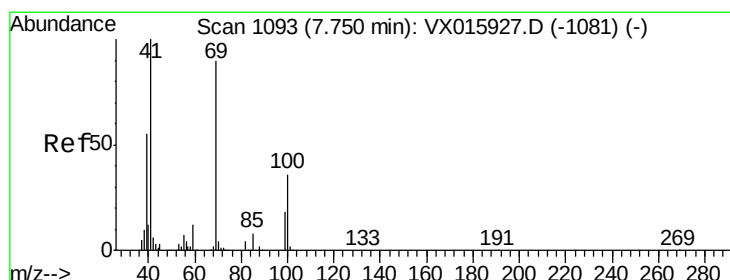
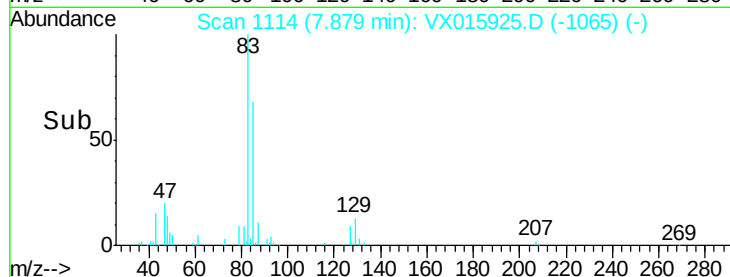
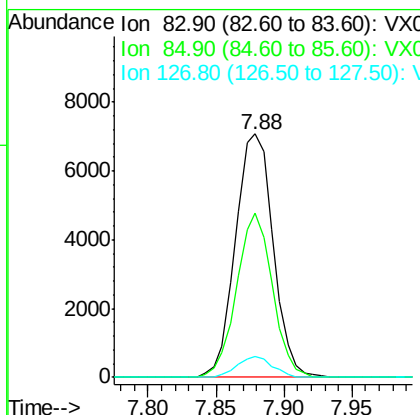
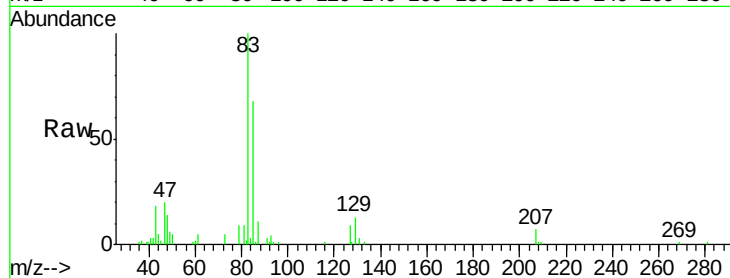
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	13694
Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.6	77.4
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.294 ug/l

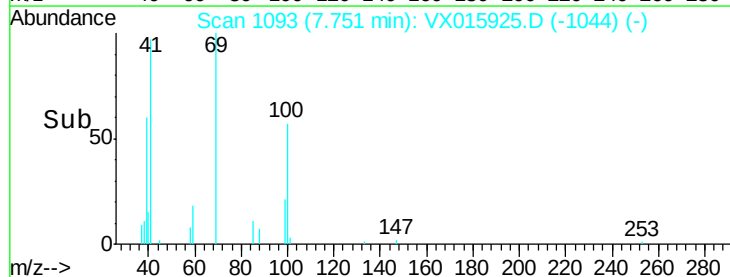
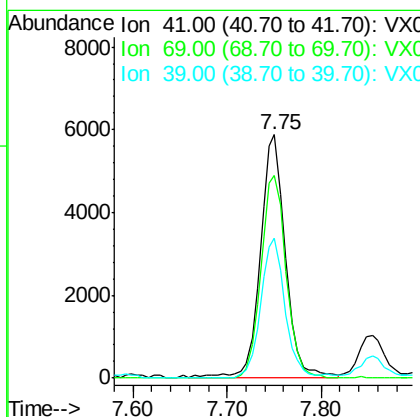
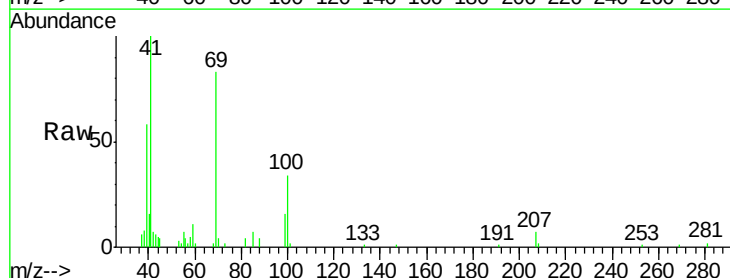
RT: 7.75 min Scan# 1093

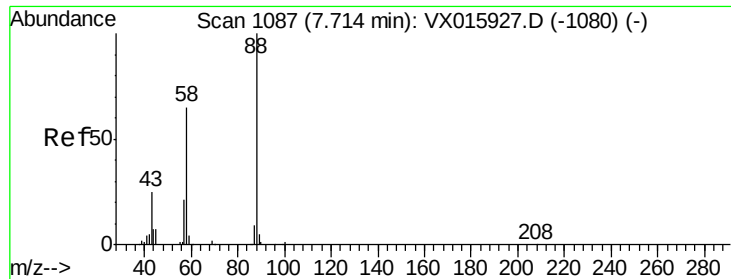
Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	41	Resp:	11065
Ion	Ratio	Lower	Upper
41	100		
69	83.1	72.0	108.0
39	56.4	44.1	66.1





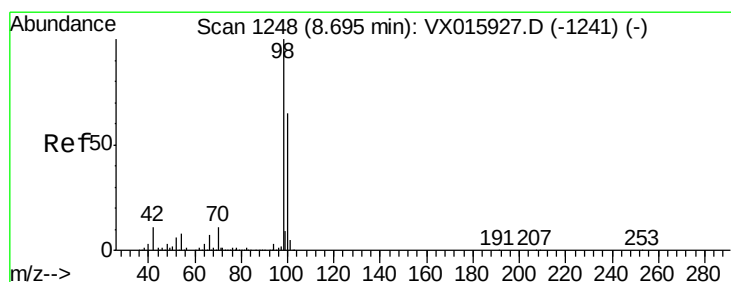
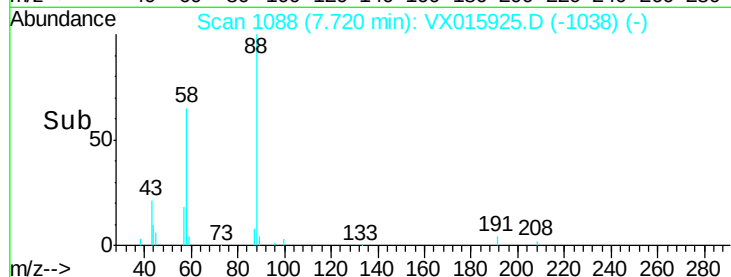
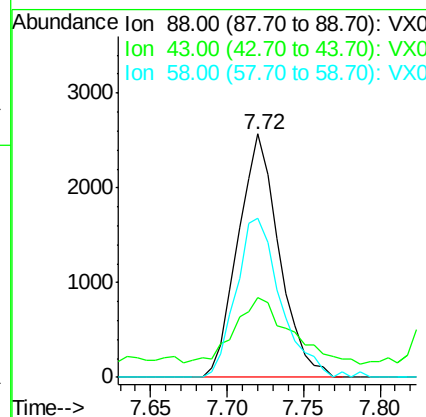
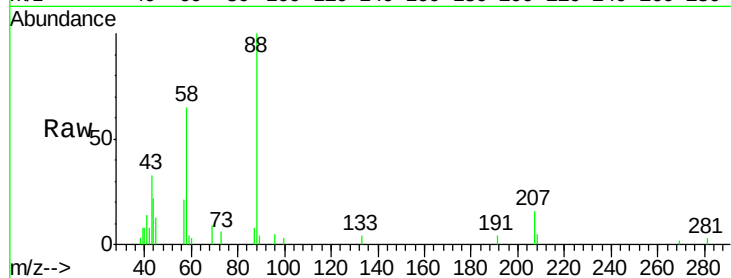
#49
1,4-Dioxane
Concen: 105.513 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	4793
Ion Ratio	100	Lower	Upper
88	100		
43	36.6	23.8	35.8#
58	71.1	55.7	83.5

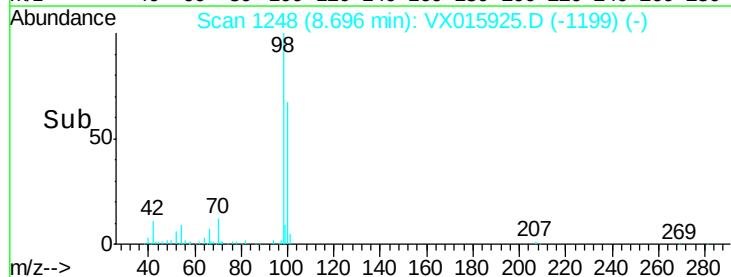
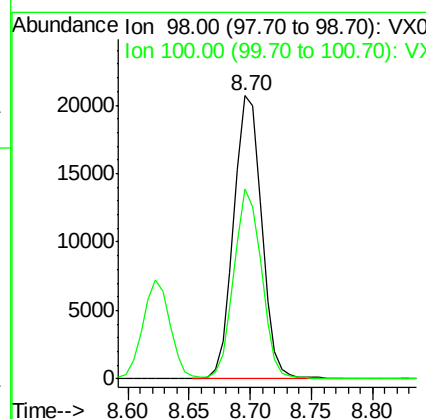
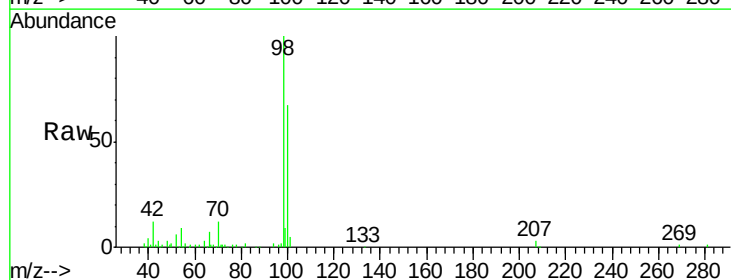
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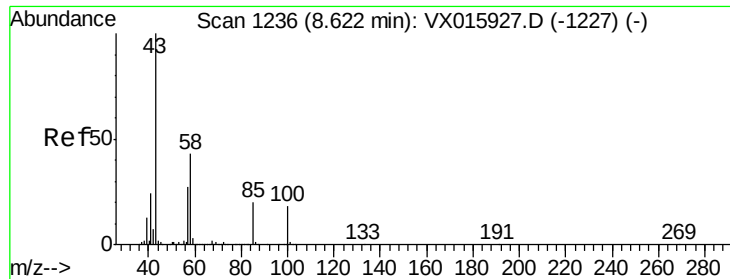
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#50
Toluene-d8
Concen: 5.255 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	98	Resp	32777
Ion Ratio	100	Lower	Upper
98	100		
100	66.1	53.0	79.4





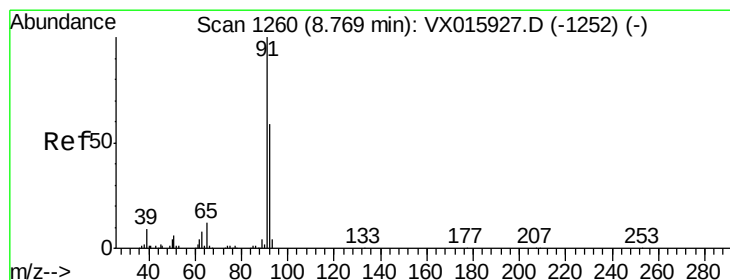
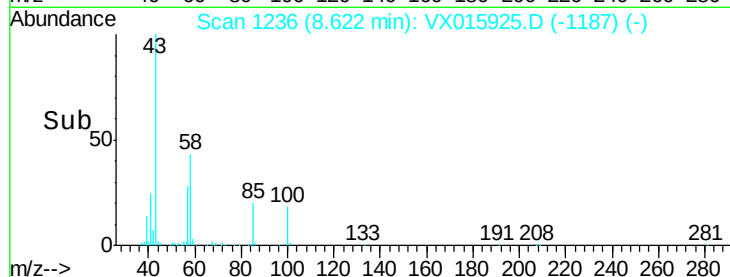
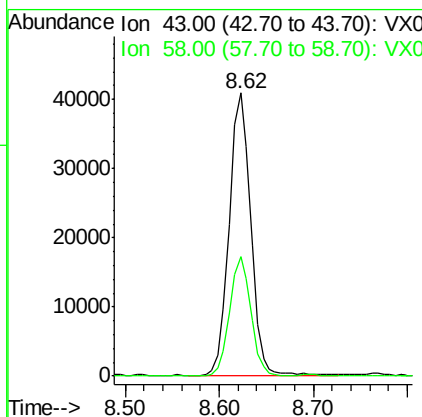
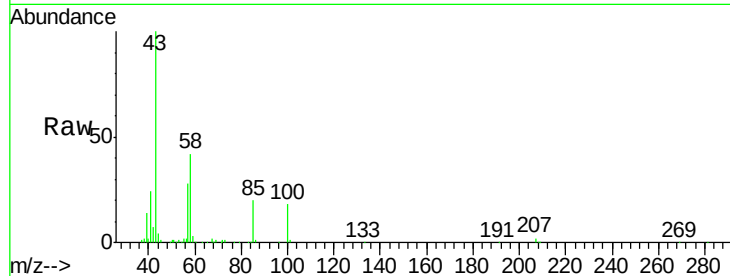
#51
4-Methyl-2-Pentanone
Concen: 26.423 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.4	34.2	51.4

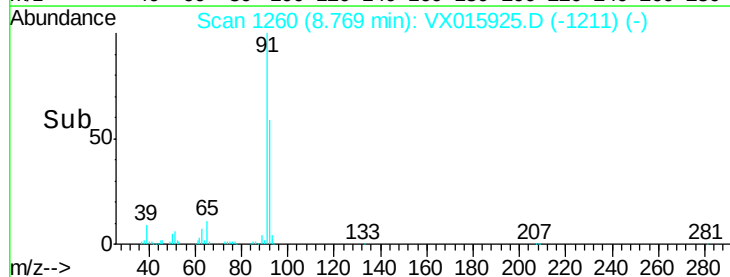
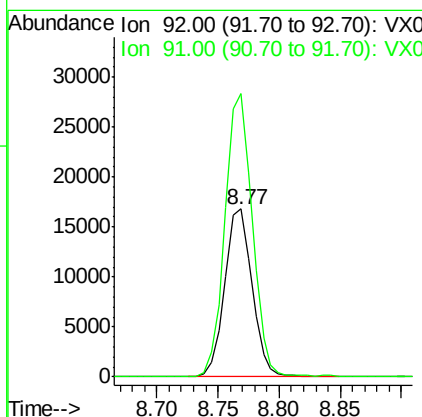
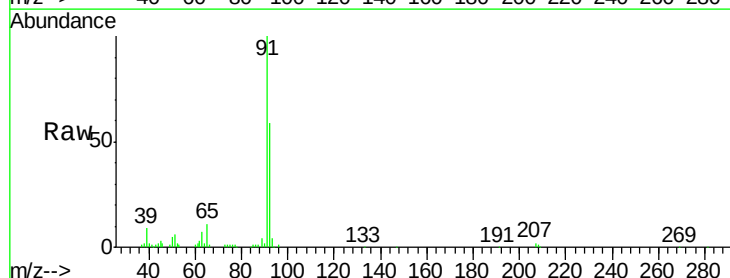
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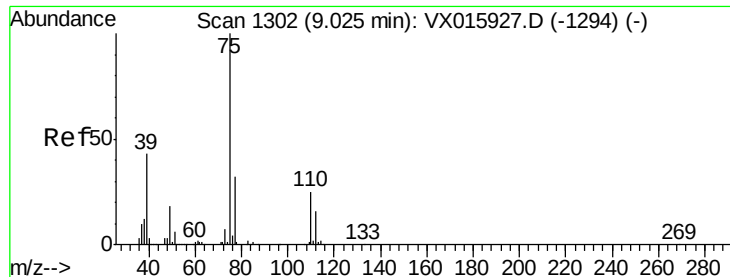
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#52
Toluene
Concen: 5.401 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.1	134.0	201.0





#53

t-1,3-Dichloropropene

Concen: 5.299 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 16723

Ion Ratio Lower Upper

75 100

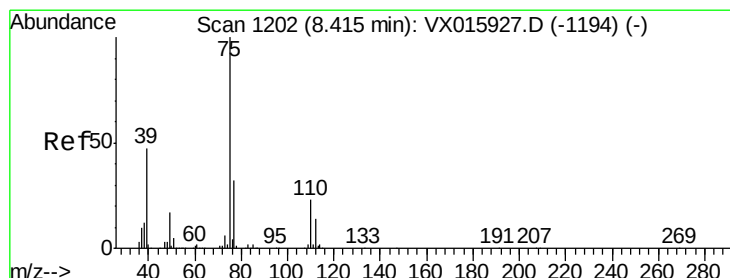
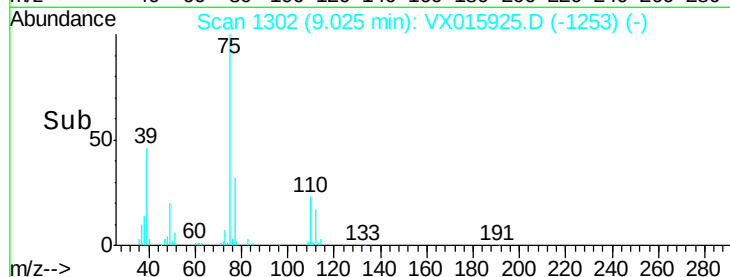
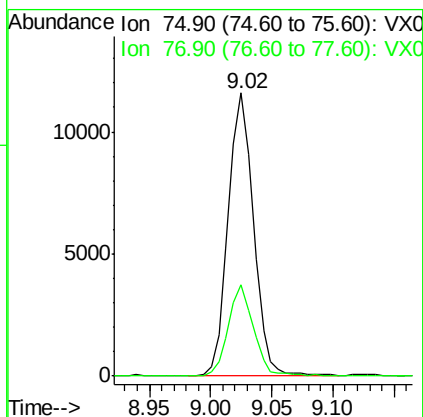
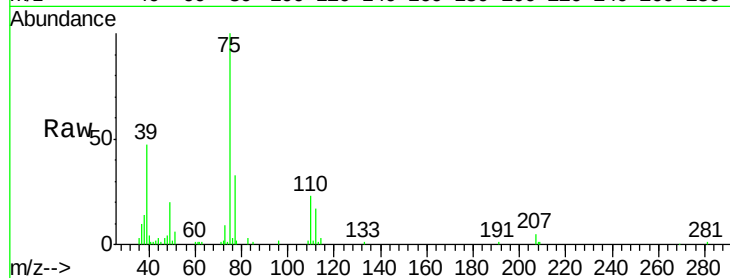
77 32.5 25.9 38.9

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#54

cis-1,3-Dichloropropene

Concen: 5.347 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

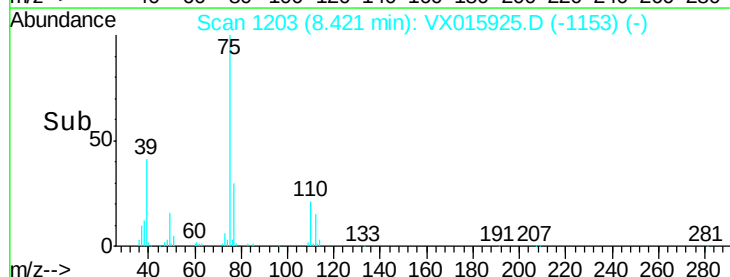
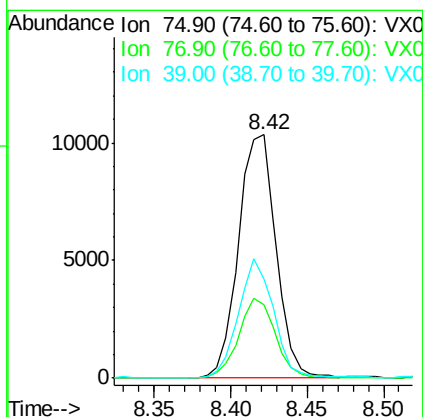
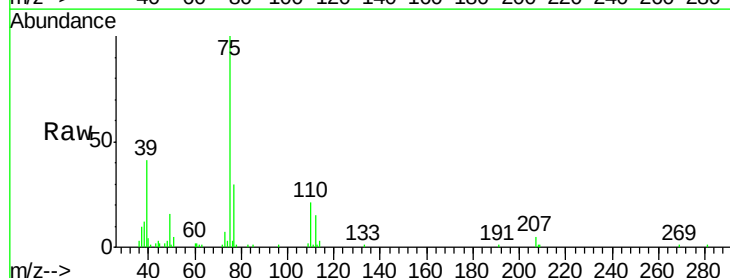
Tgt Ion: 75 Resp: 17638

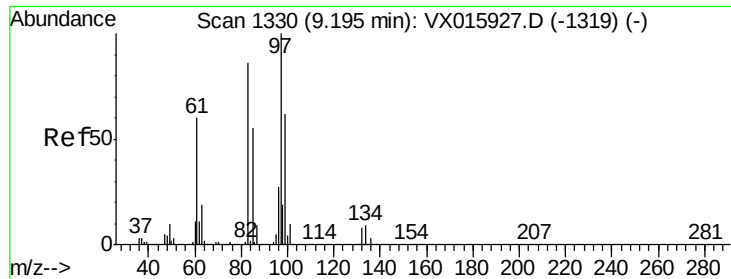
Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.8

39 40.6 37.2 55.8





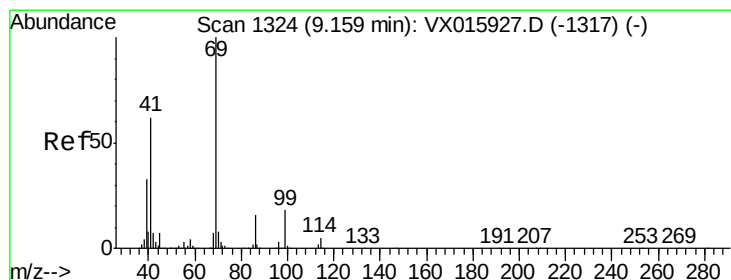
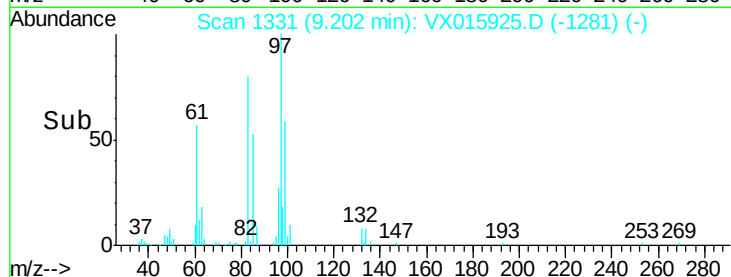
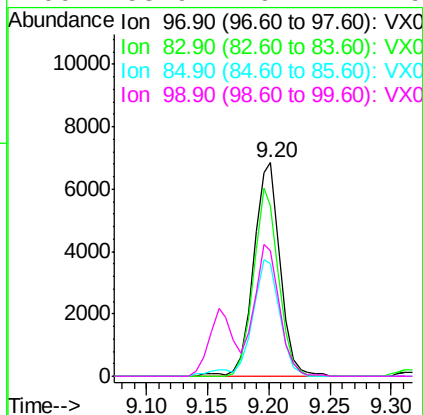
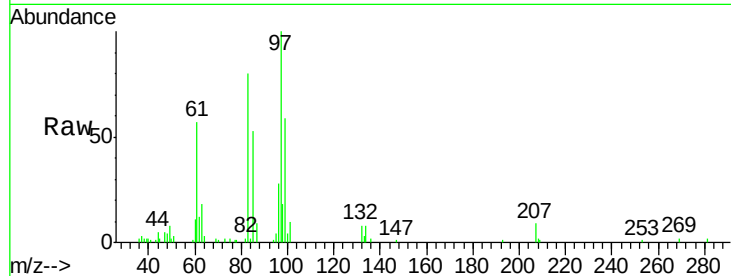
#55
 1,1,2-Trichloroethane
 Concen: 5.353 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	10337
Ion	Ratio	Lower	Upper
97	100		
83	79.6	68.6	103.0
85	52.8	44.0	66.0
99	58.9	49.7	74.5

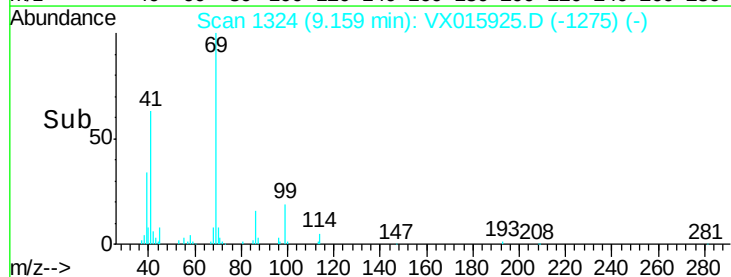
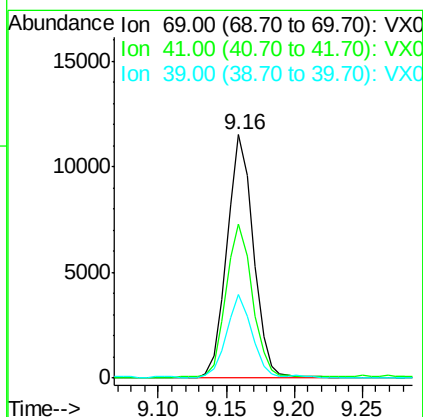
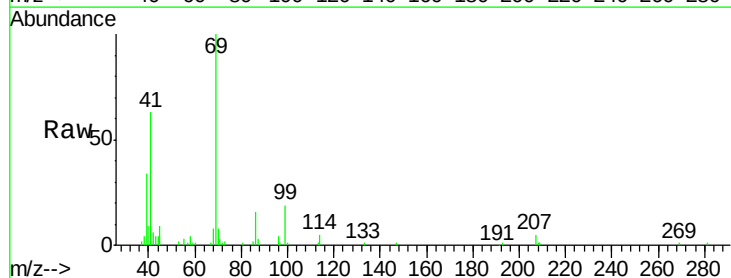
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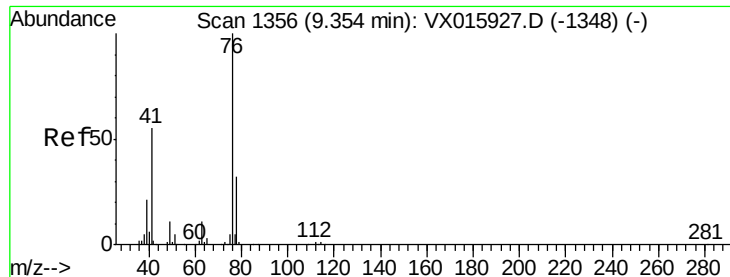
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#56
 Ethyl methacrylate
 Concen: 5.200 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion:	69	Resp:	15652
Ion	Ratio	Lower	Upper
69	100		
41	64.8	49.2	73.8
39	34.0	26.0	39.0





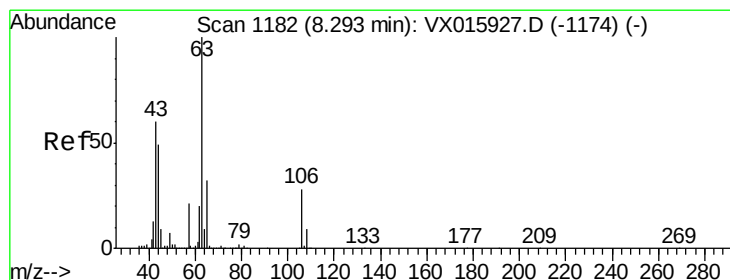
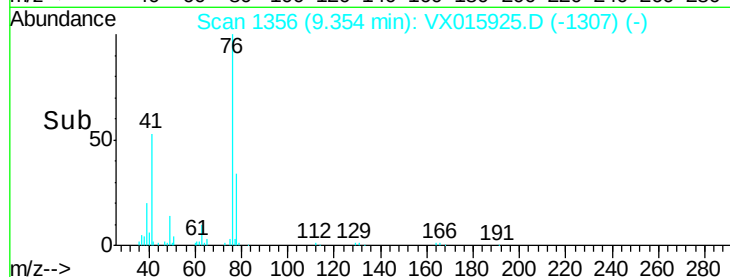
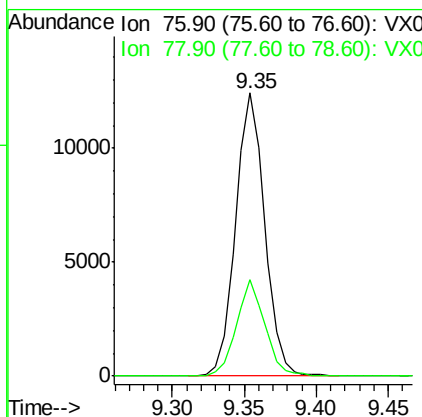
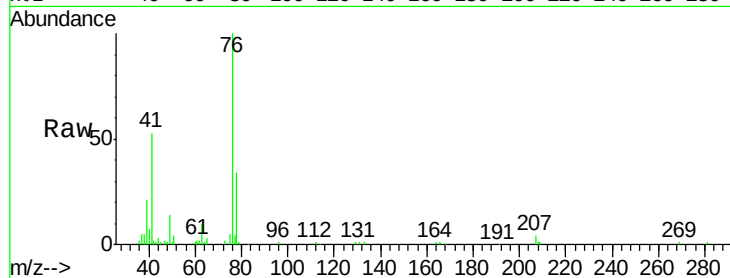
#57
 1,3-Dichloropropane
 Concen: 5.347 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.6	38.4

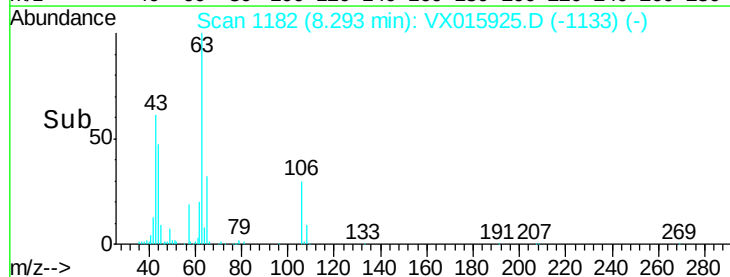
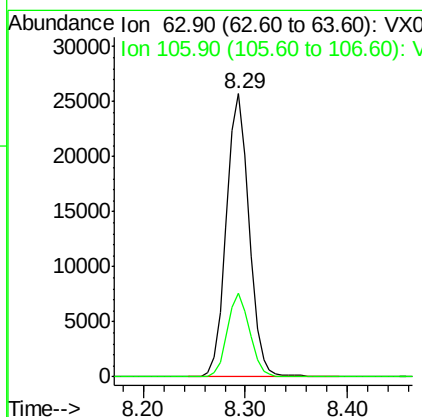
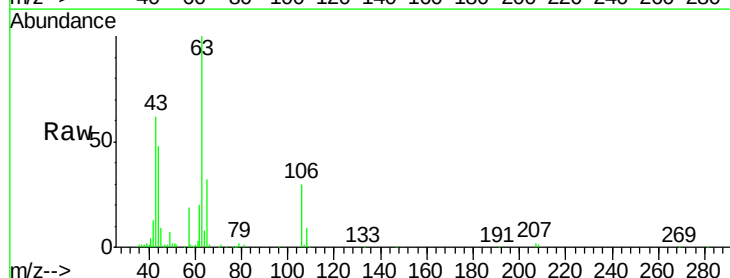
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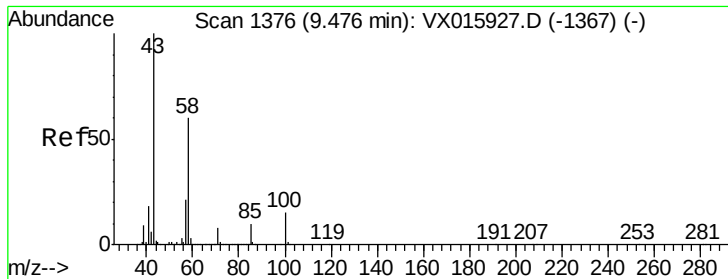
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#58
 2-Chloroethyl Vinyl ether
 Concen: 26.580 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.0	34.6





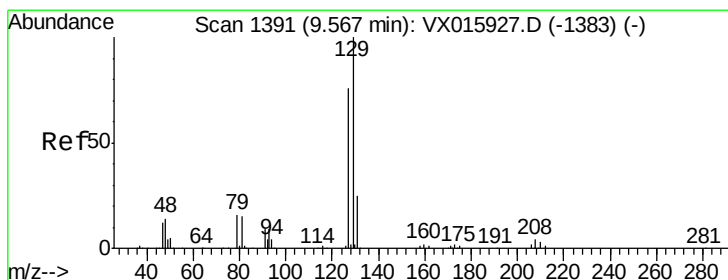
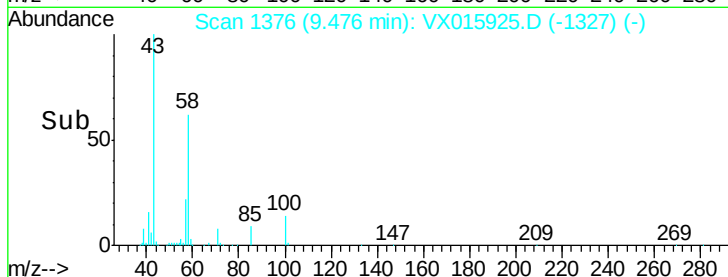
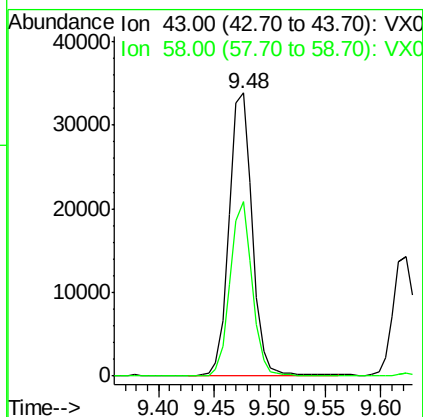
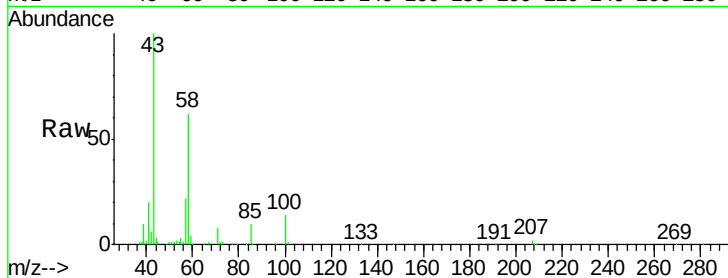
#59
2-Hexanone
Concen: 26.202 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 48257
Ion Ratio Lower Upper
43 100
58 59.3 29.7 89.1

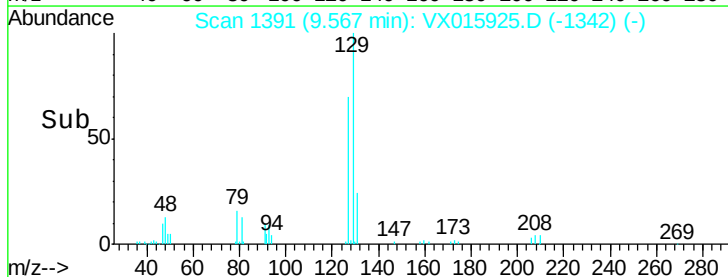
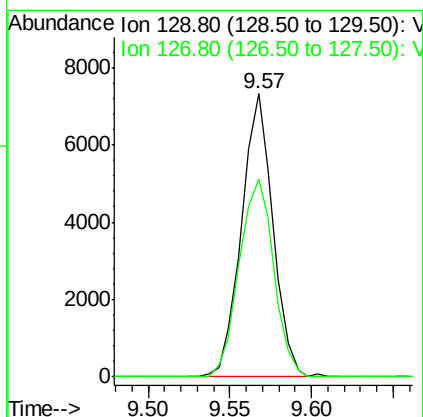
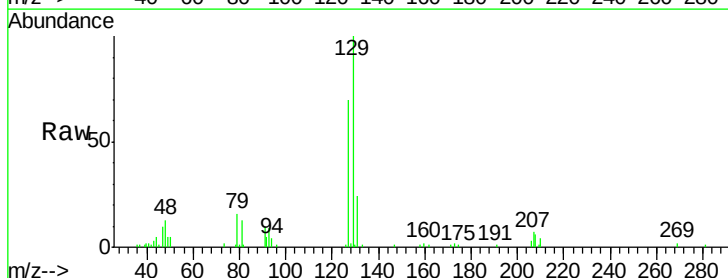
Manual Integrations
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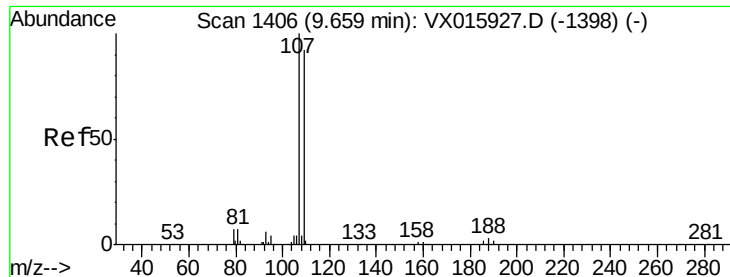
MMDadoda
4/27/2020 11:37:06 AM



#60
Dibromochloromethane
Concen: 5.323 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion: 129 Resp: 9831
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.269 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 10426

Ion Ratio Lower Upper

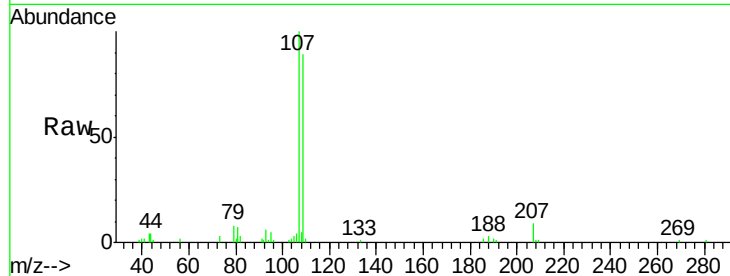
107 100

109 92.3 75.1 112.7

Manual Integrations
APPROVED

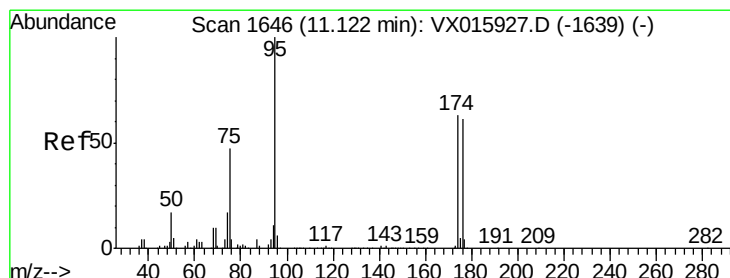
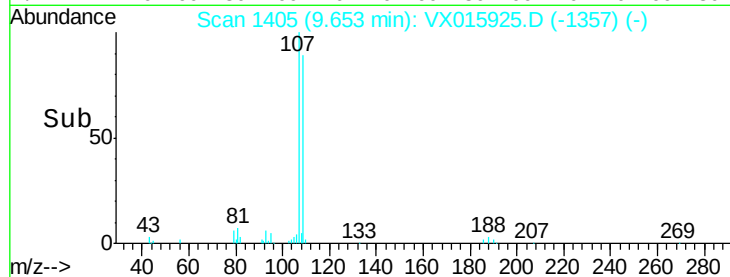
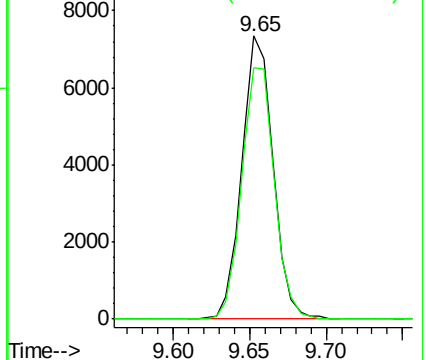
MMDadoda

4/27/2020 11:37:06 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.079 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

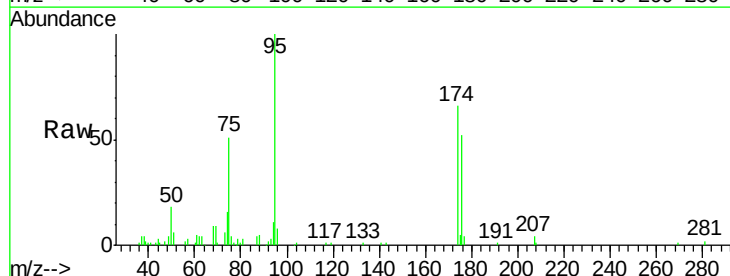
Tgt Ion: 95 Resp: 13445

Ion Ratio Lower Upper

95 100

174 68.7 0.0 133.6

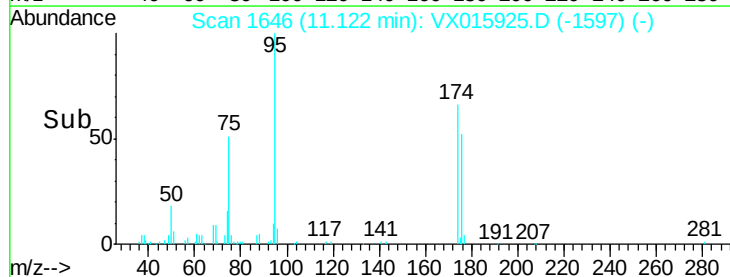
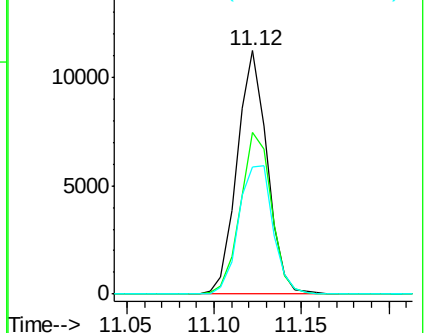
176 60.1 0.0 126.0

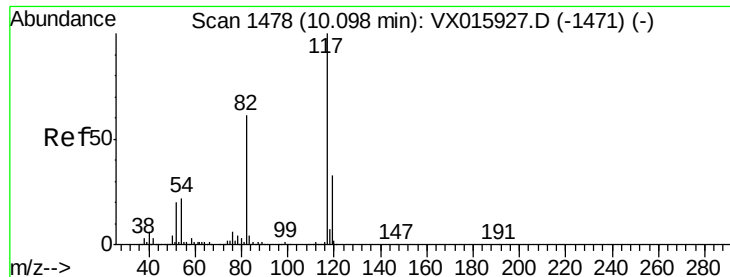


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





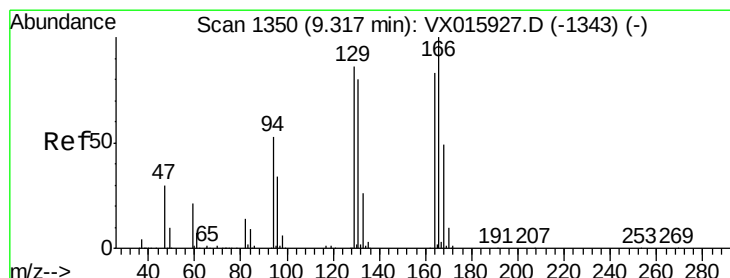
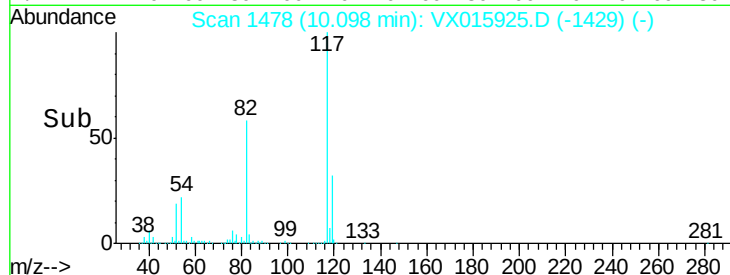
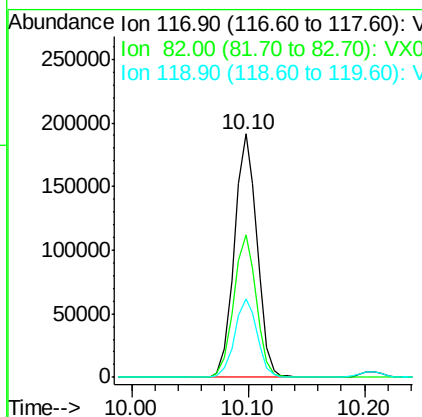
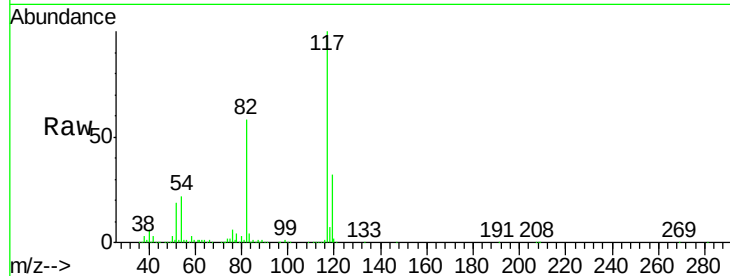
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	260157		
82	58.5		48.5	72.7
119	32.3		26.2	39.4

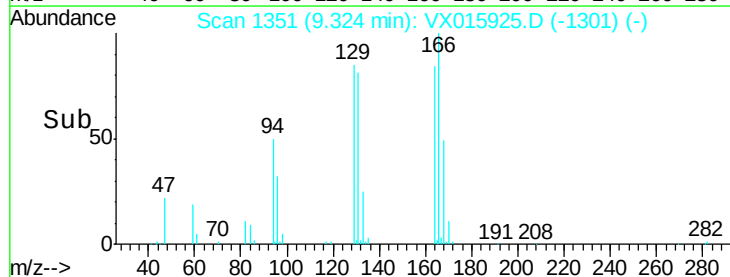
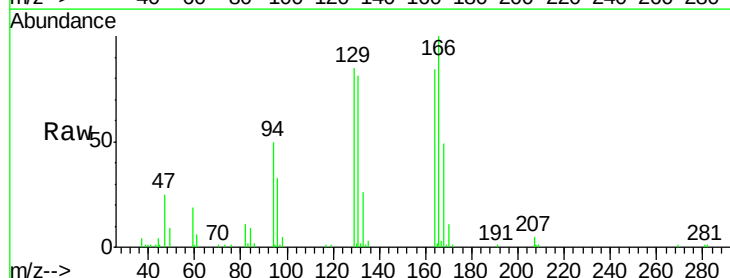
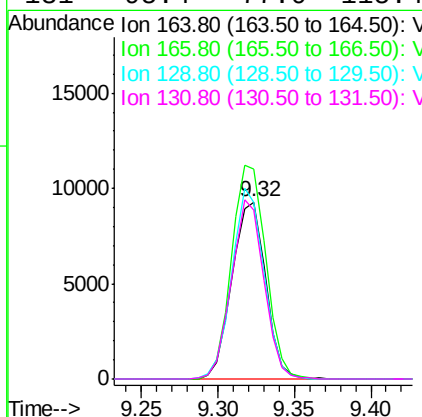
Manual Integrations
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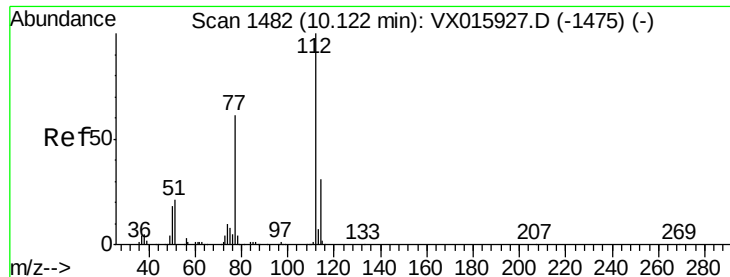
MMDadoda
4/27/2020 11:37:06 AM



#64
Tetrachloroethene
Concen: 5.478 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	14151		
166	118.4		96.7	145.1
129	100.2		82.8	124.2
131	95.4		77.0	115.4





#65

Chlorobenzene

Concen: 5.353 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 27101

Ion Ratio Lower Upper

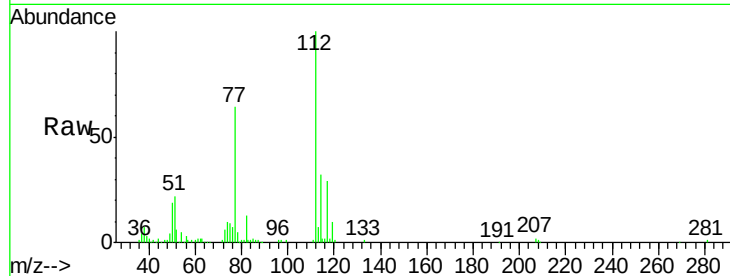
112 100

114 32.3 25.2 37.8

Manual Integrations
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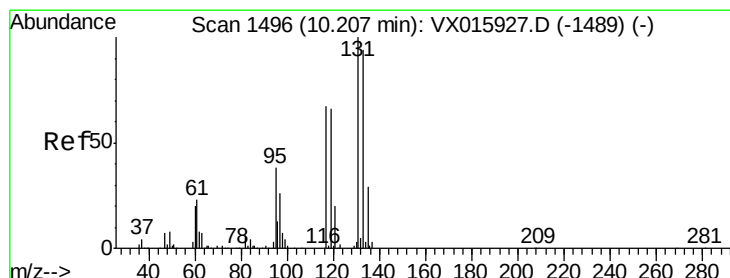
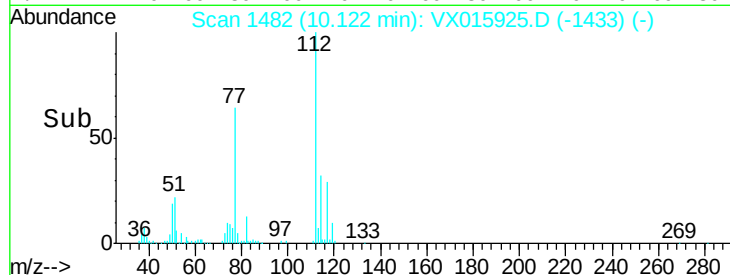
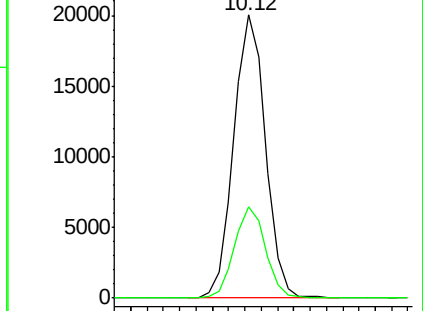
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.336 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

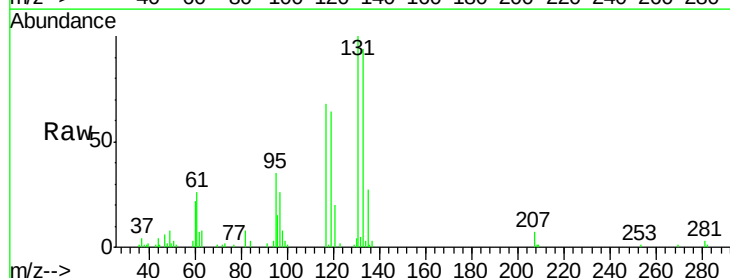
Tgt Ion:131 Resp: 9470

Ion Ratio Lower Upper

131 100

133 91.6 46.7 140.0

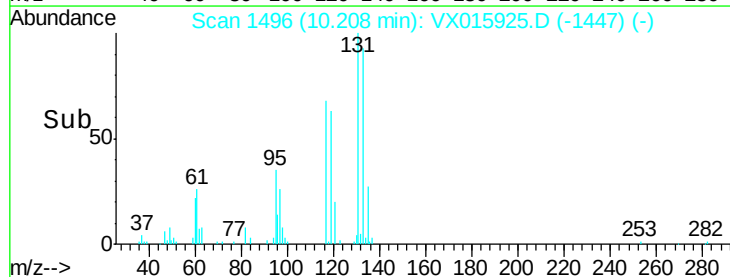
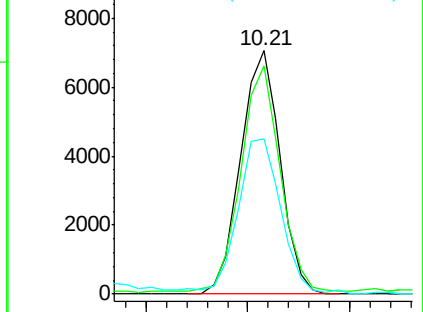
119 70.3 33.7 101.0

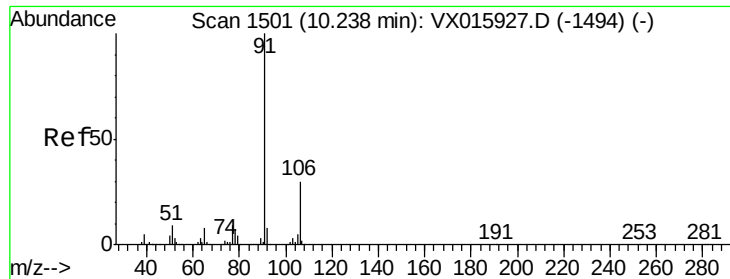


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.310 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 49750

Ion Ratio Lower Upper

91 100

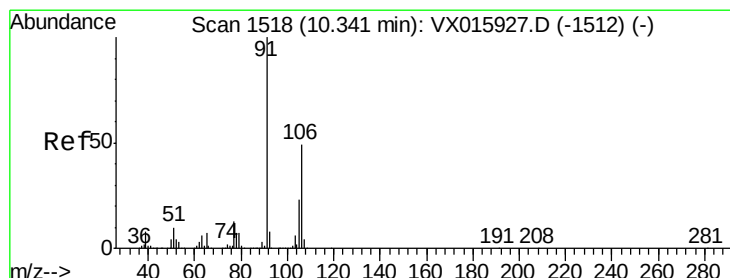
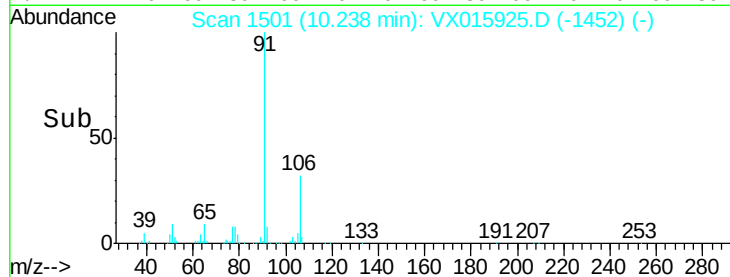
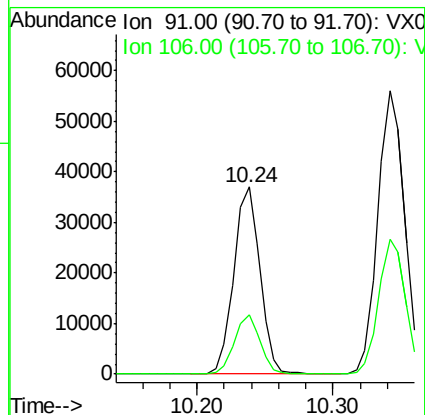
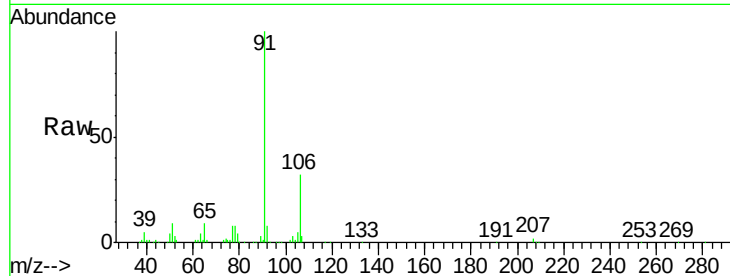
106 32.0 24.2 36.4

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#68

m/p-Xylenes

Concen: 10.684 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015925.D

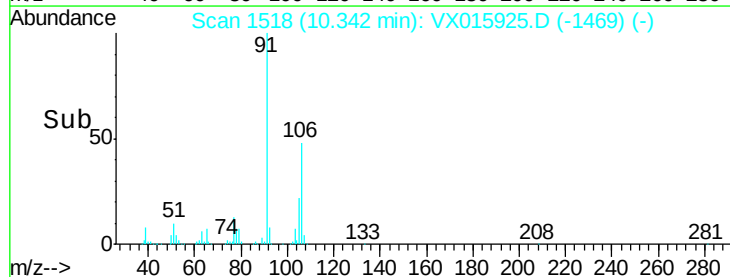
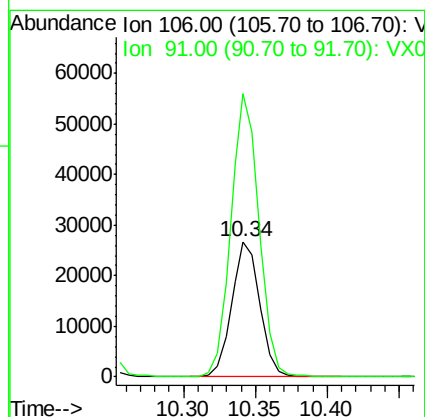
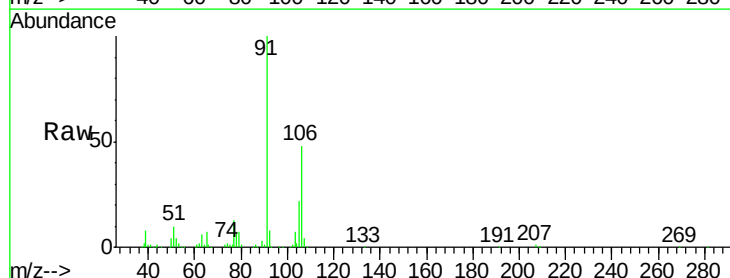
Acq: 24 Apr 2020 11:27

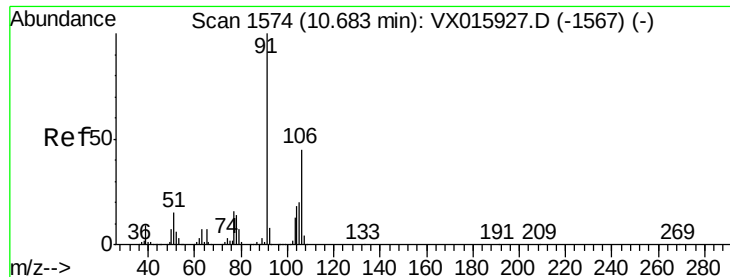
Tgt Ion: 106 Resp: 36426

Ion Ratio Lower Upper

106 100

91 209.1 164.9 247.3





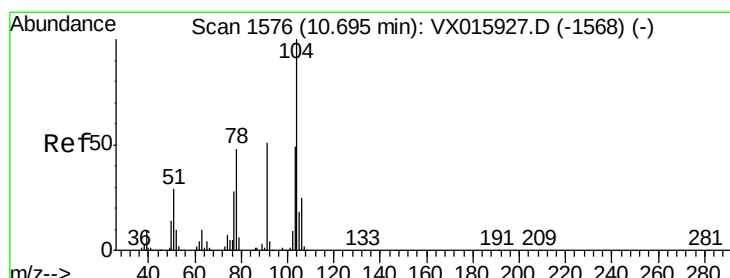
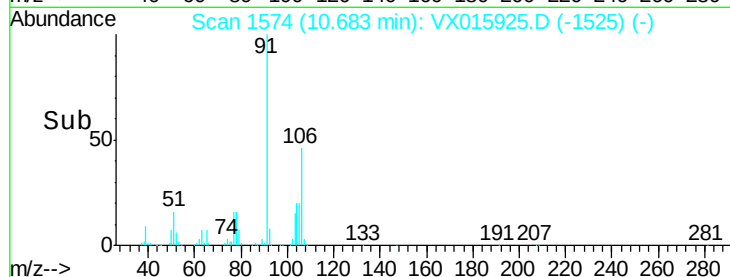
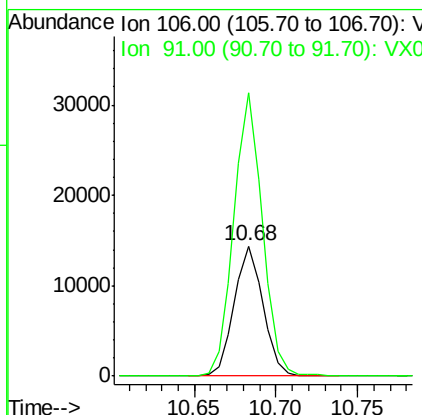
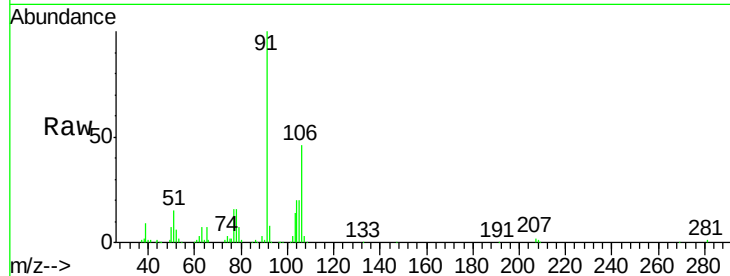
#69
o-Xylene
Concen: 5.326 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 17690
Ion Ratio Lower Upper
106 100
91 216.5 108.6 325.8

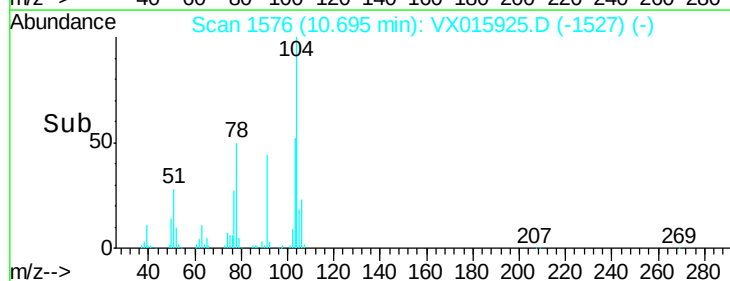
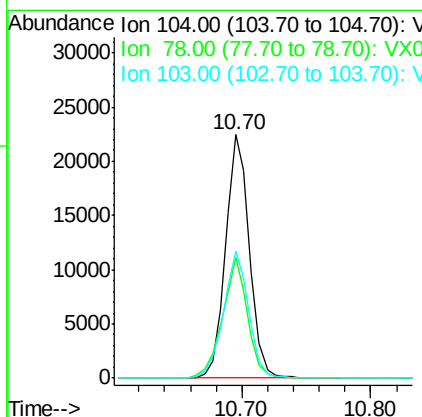
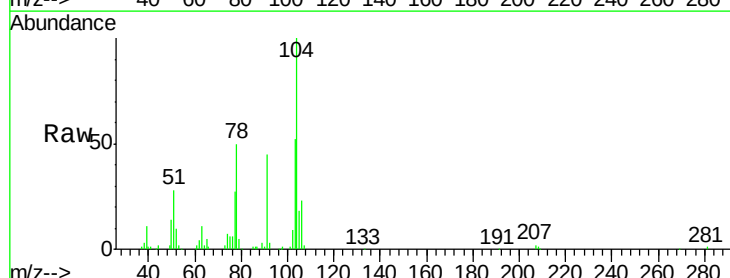
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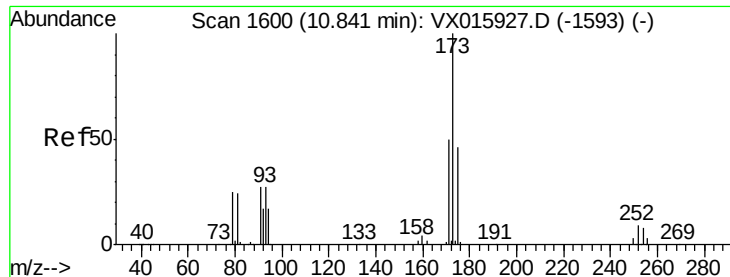
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#70
Styrene
Concen: 5.195 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion:104 Resp: 29097
Ion Ratio Lower Upper
104 100
78 52.1 40.5 60.7
103 55.4 42.7 64.1





#71

Bromoform

Concen: 5.184 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 5858

Ion Ratio Lower Upper

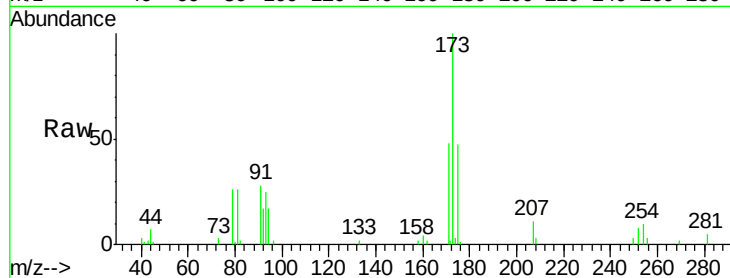
173 100

175 47.5 23.2 69.5

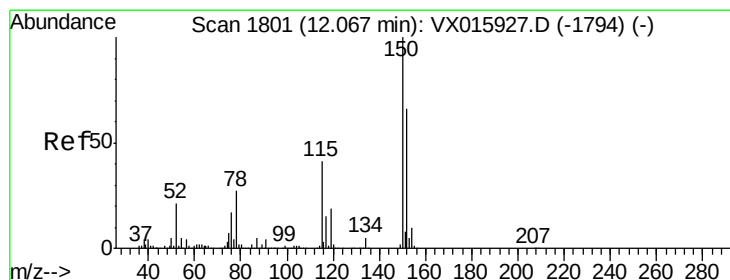
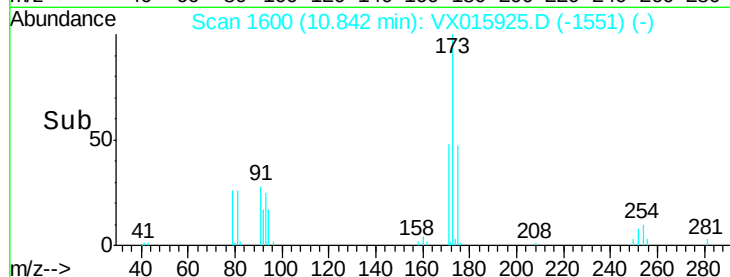
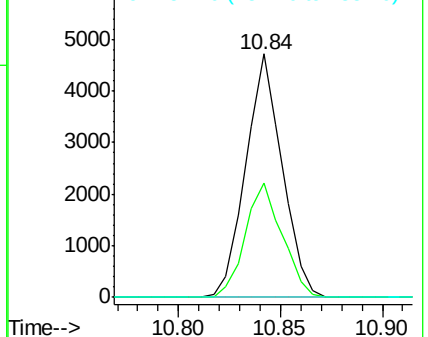
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

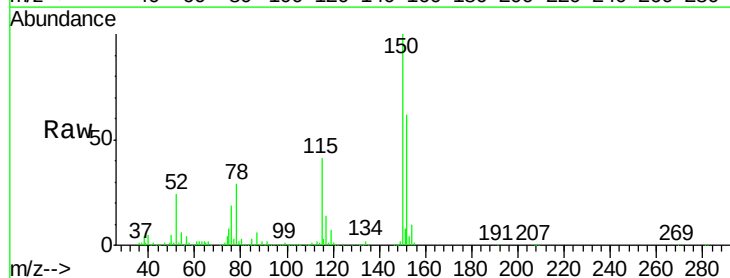
Tgt Ion:152 Resp: 123954

Ion Ratio Lower Upper

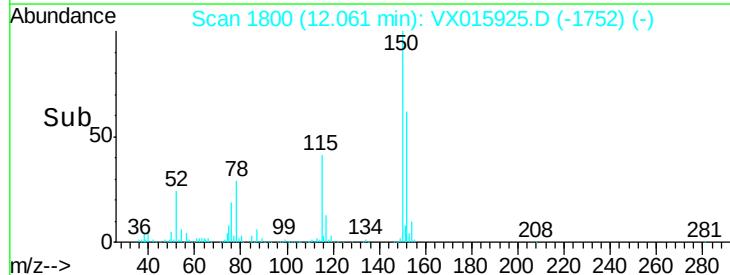
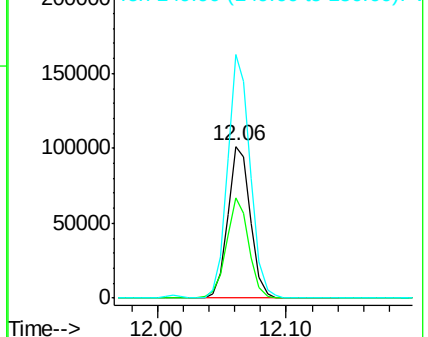
152 100

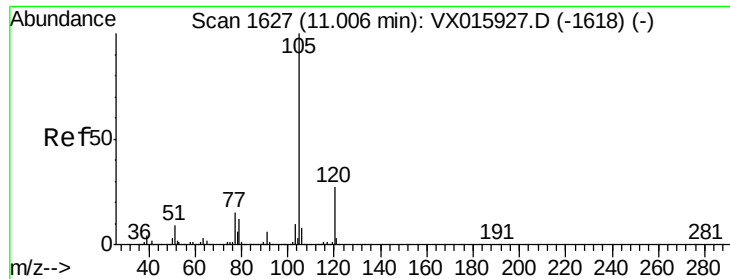
115 65.9 44.1 132.4

150 161.0 0.0 343.6



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





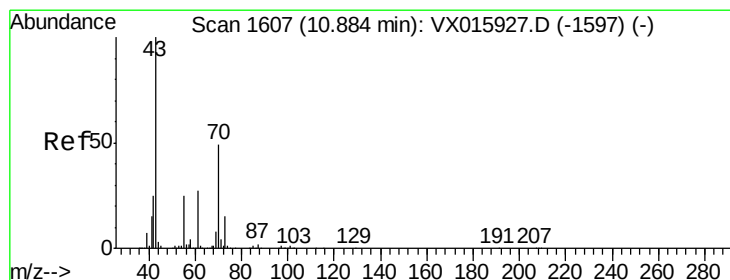
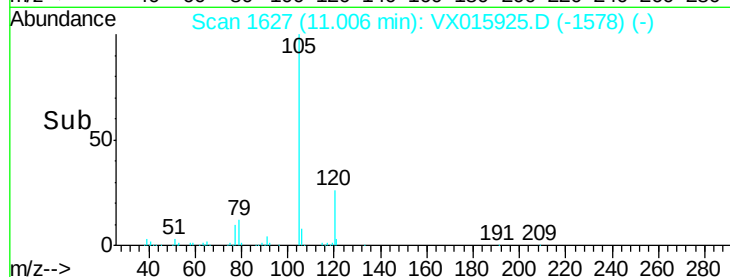
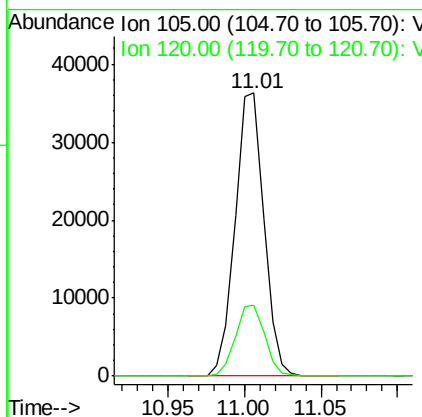
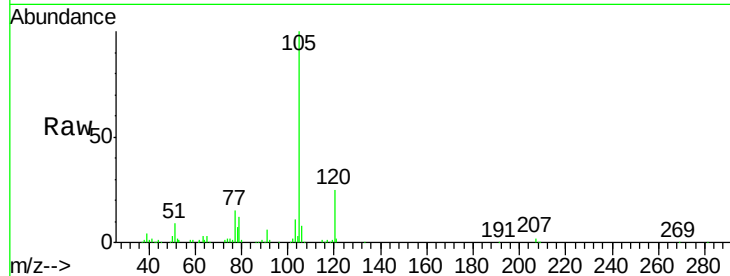
#73
Isopropylbenzene
Concen: 5.238 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.1	39.1

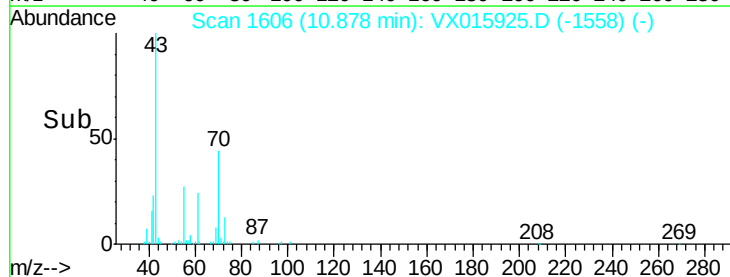
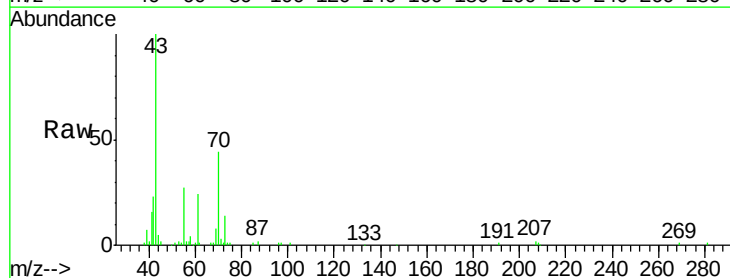
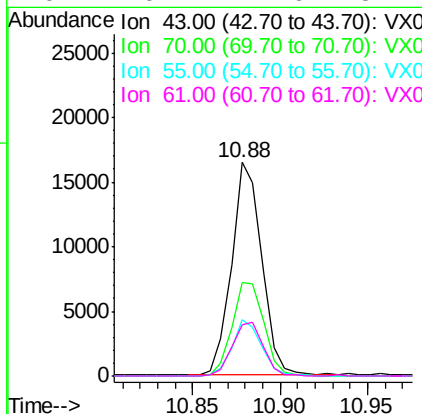
Manual Integrations
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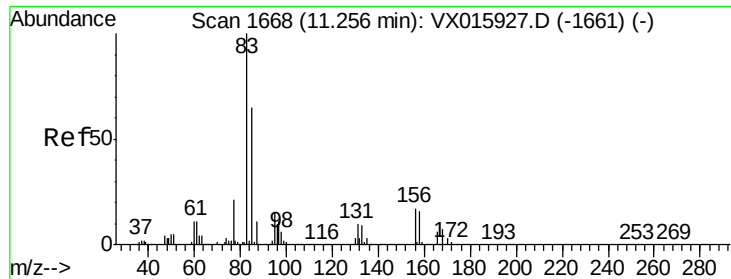
MMDadoda
4/27/2020 11:37:06 AM



#74
N-ethyl acetate
Concen: 5.091 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.9	37.8	56.6
55	26.2	20.2	30.2
61	26.1	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.281 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

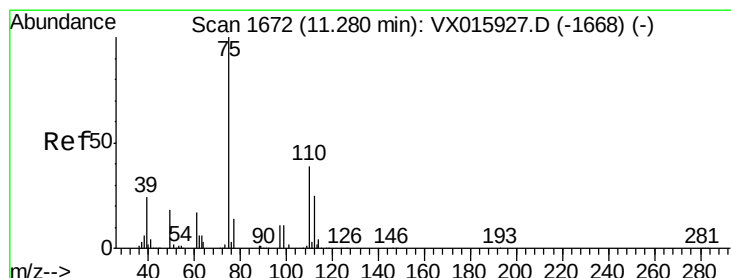
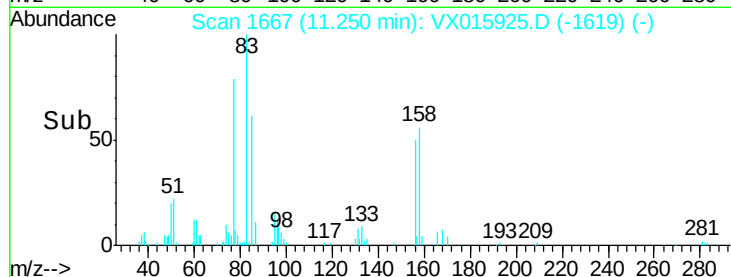
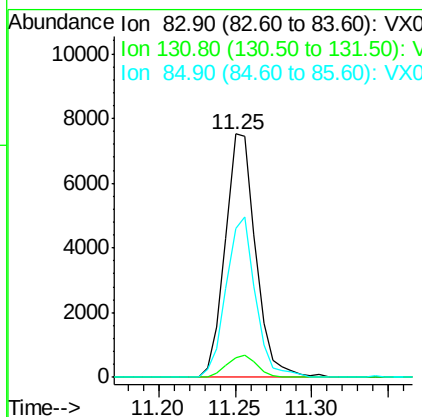
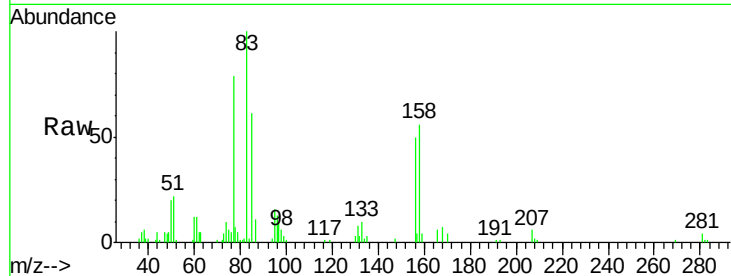
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	10430
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.9	14.6
85	63.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.238 ug/l m

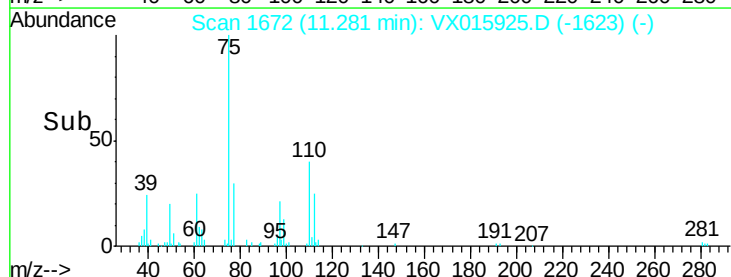
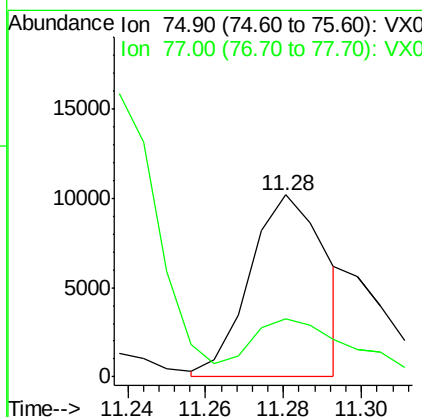
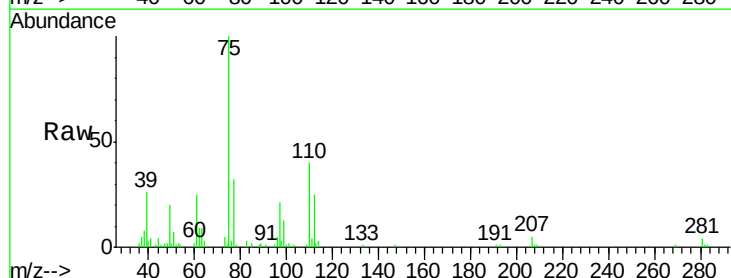
RT: 11.28 min Scan# 1672

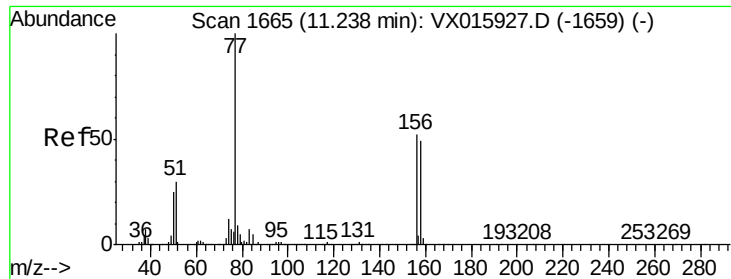
Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	75	Resp:	13737
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.1	66.5





#77

Bromobenzene

Concen: 5.210 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

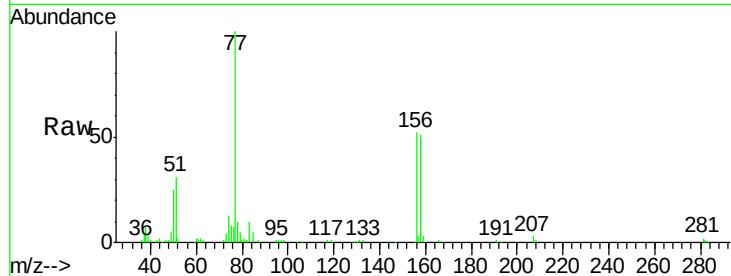
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	10606
Ion Ratio	Lower	Upper	
156	100		
77	190.3	94.0	281.9
158	98.1	48.6	145.9

Manual Integrations
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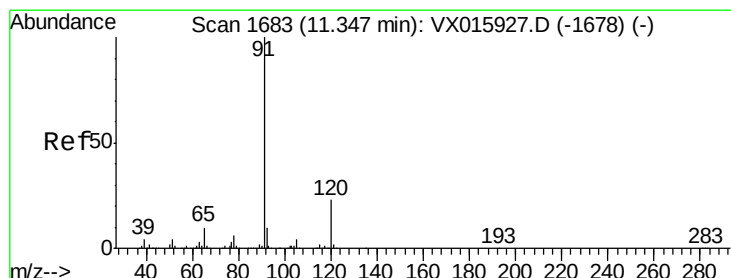
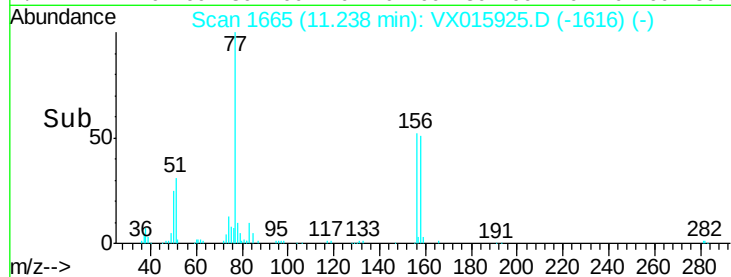
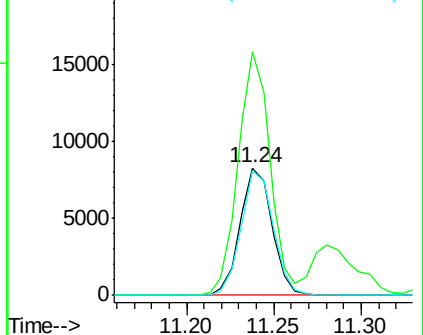
MMDadoda
4/27/2020 11:37:06 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.252 ug/l

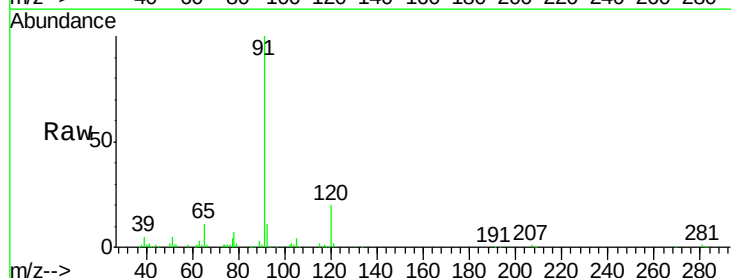
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015925.D

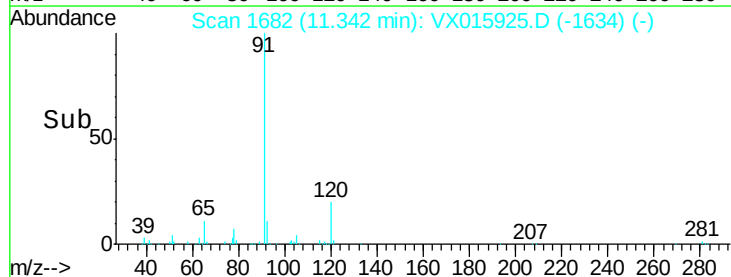
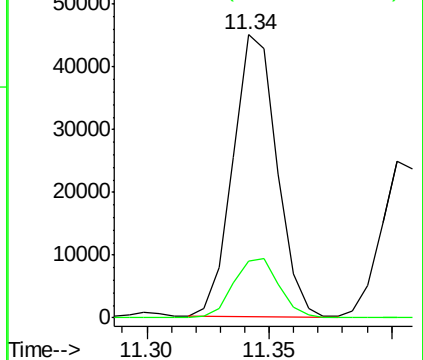
Acq: 24 Apr 2020 11:27

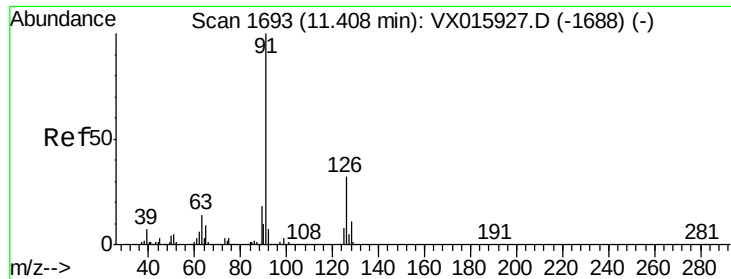
Tgt Ion:	91	Resp:	56012
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.257 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 32684

Ion Ratio Lower Upper

91 100

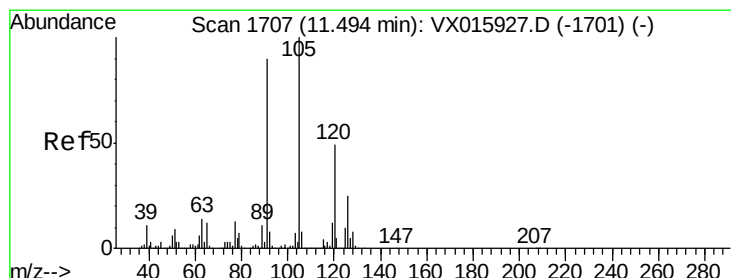
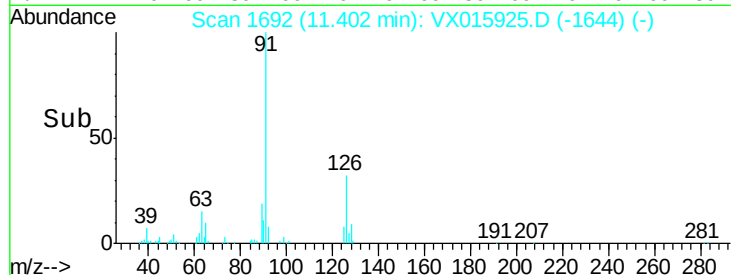
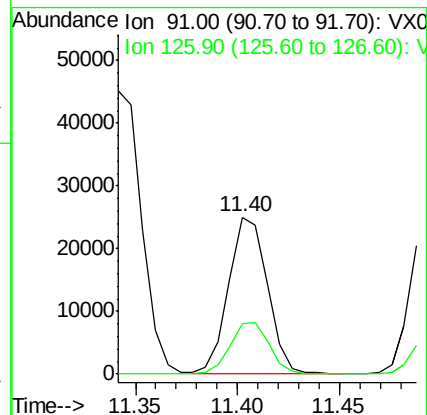
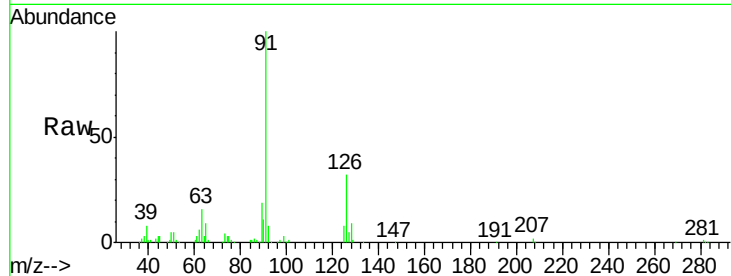
126 33.2 15.8 47.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 5.328 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015925.D

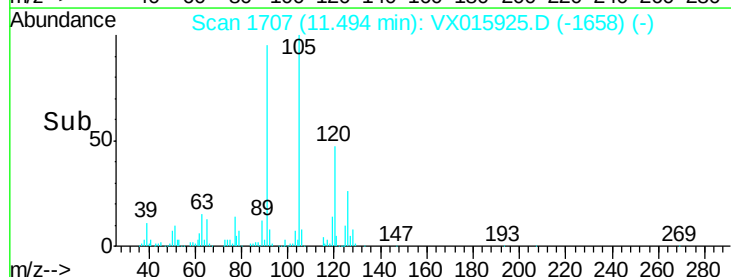
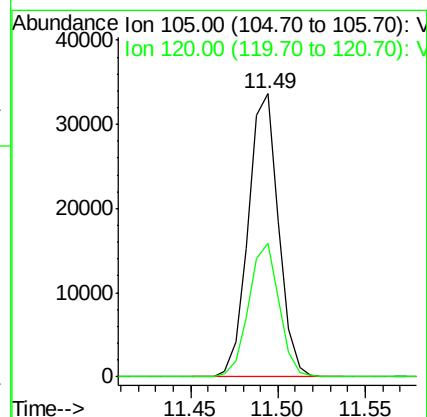
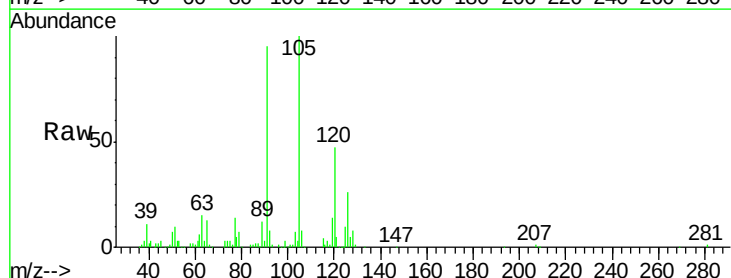
Acq: 24 Apr 2020 11:27

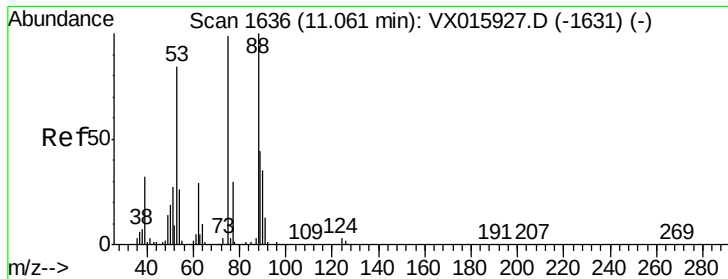
Tgt Ion: 105 Resp: 40482

Ion Ratio Lower Upper

105 100

120 47.3 24.3 72.8





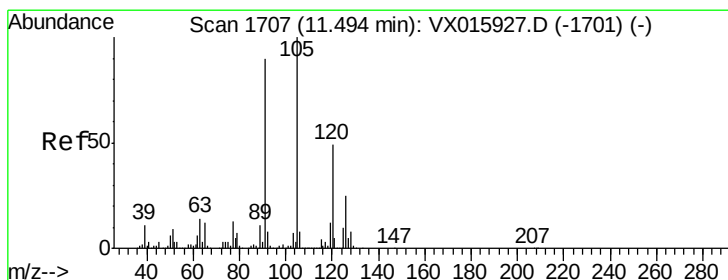
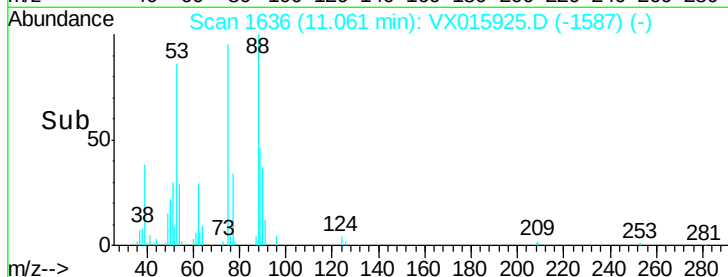
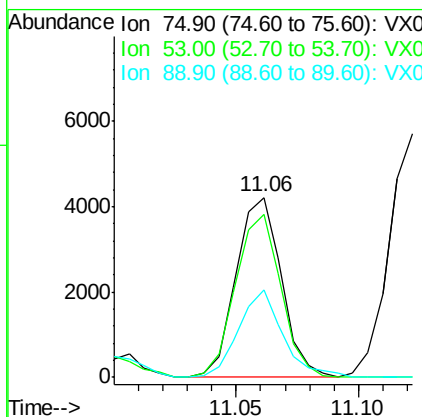
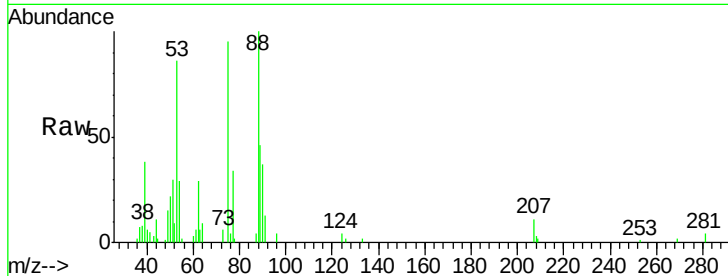
#81
trans-1,4-Dichloro-2-butene
Concen: 5.135 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.6	69.7	104.5
89	47.5	36.3	54.5

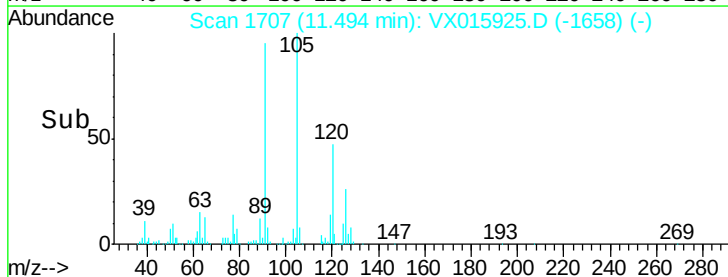
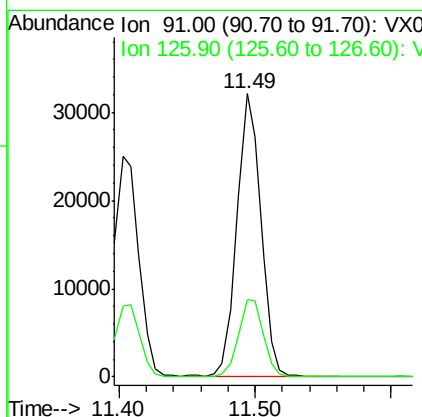
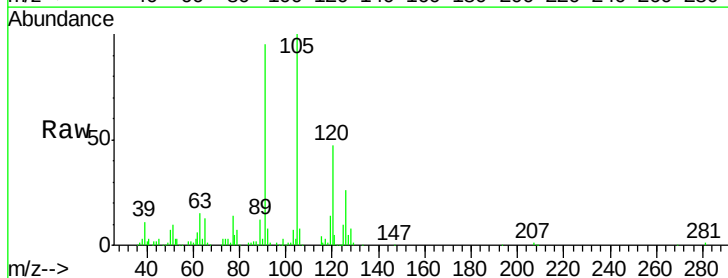
Manual Integrations
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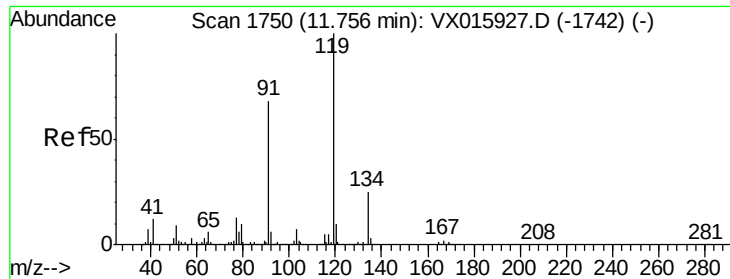
MMDadoda
4/27/2020 11:37:06 AM



#82
4-Chlorotoluene
Concen: 5.350 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.9	14.2	42.8





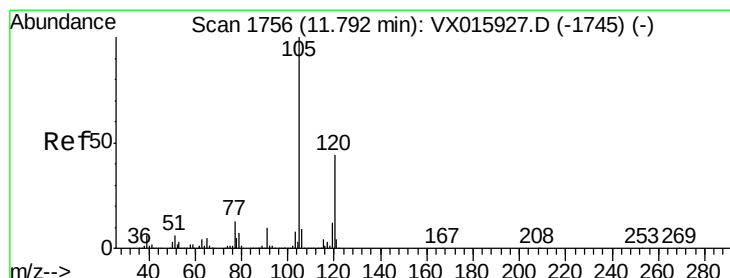
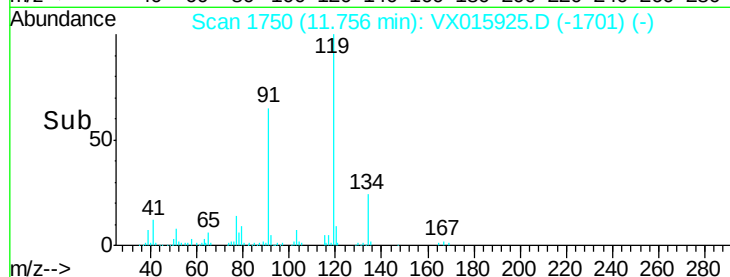
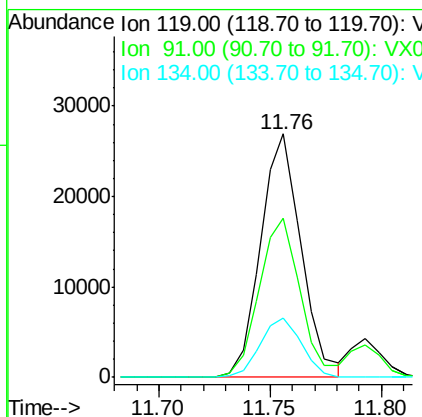
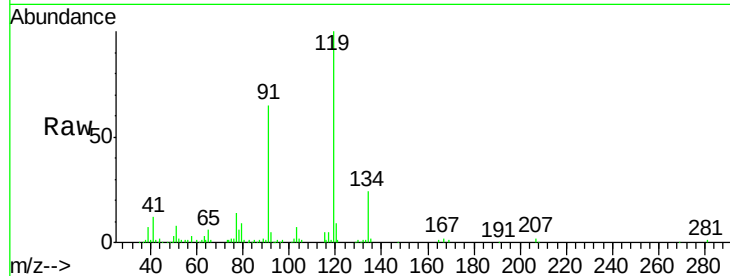
#83
 tert-Butylbenzene
 Concen: 5.295 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	34030		
91	65.3		34.3	102.8
134	24.7		12.1	36.3

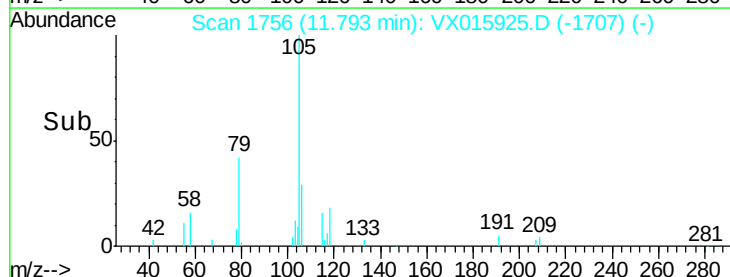
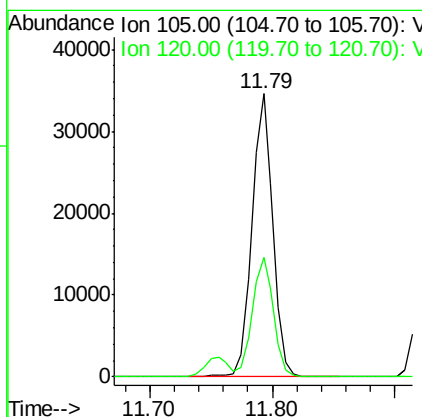
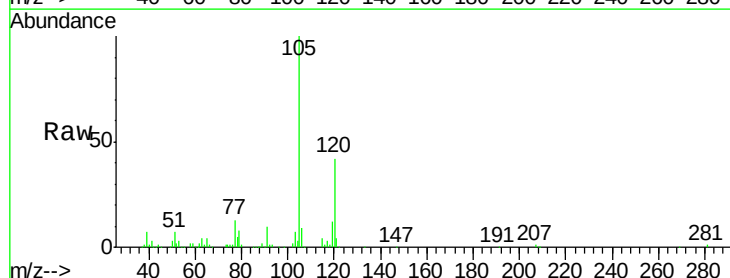
Manual Integrations
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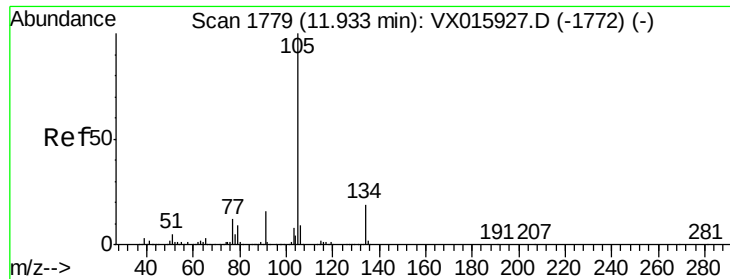
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.272 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	41118		
120	42.7		22.3	66.8





#85

sec-Butylbenzene

Concen: 5.316 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 46387

Ion Ratio Lower Upper

105 100

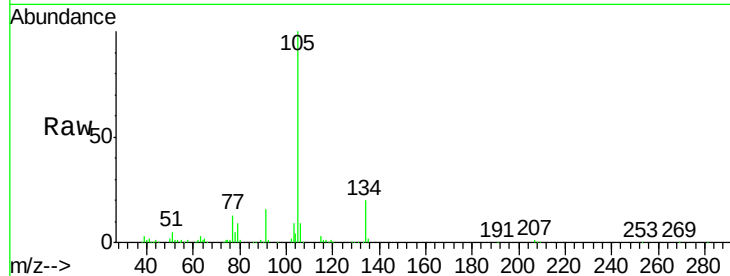
134 19.1 9.3 28.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

40000

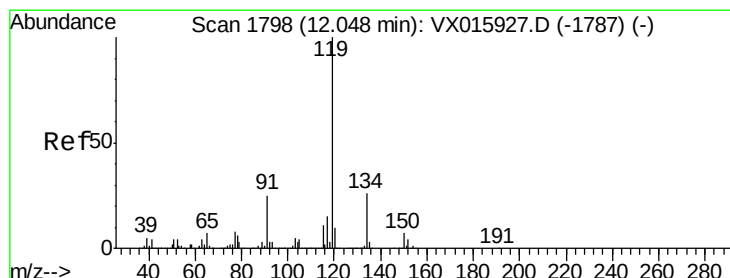
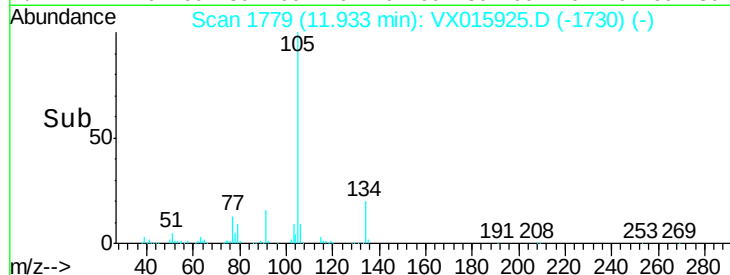
30000

20000

10000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 5.346 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

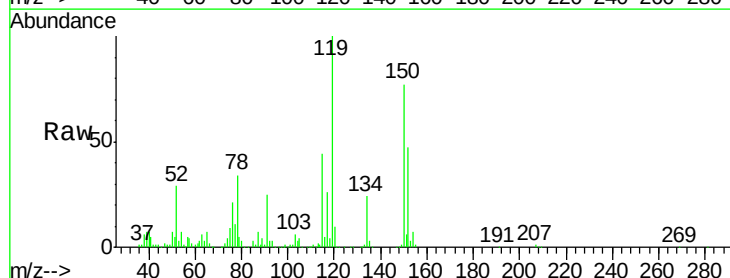
Tgt Ion:119 Resp: 42515

Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 25.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

50000

40000

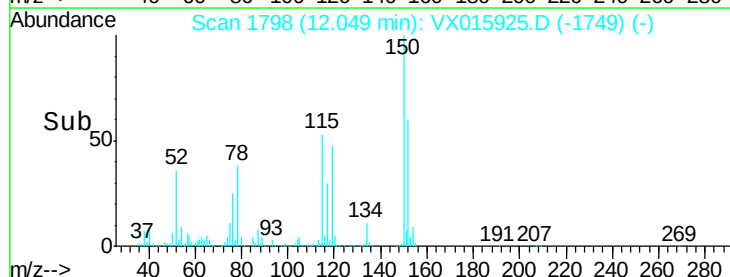
30000

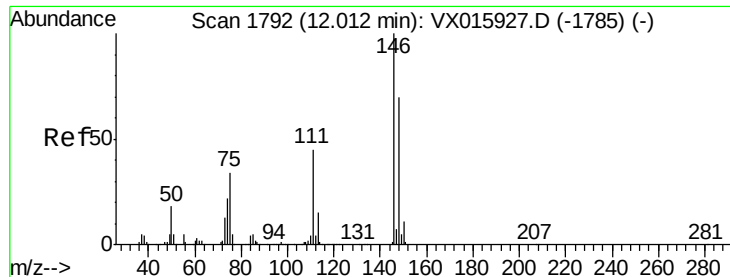
20000

10000

0

Time--> 12.00 12.10





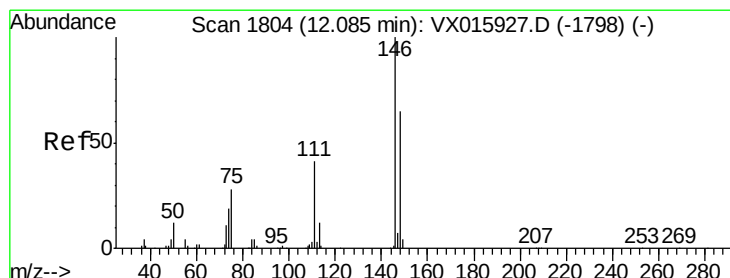
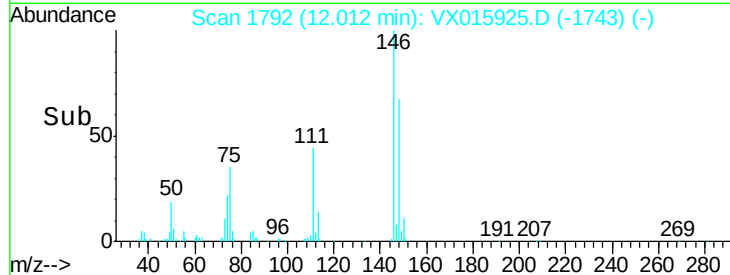
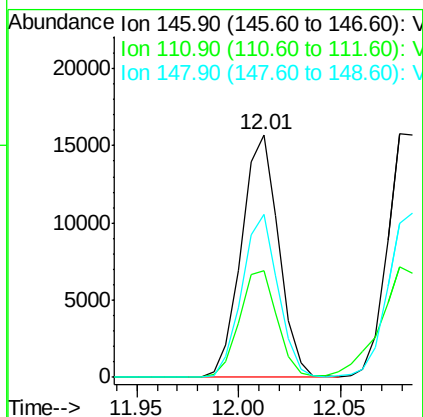
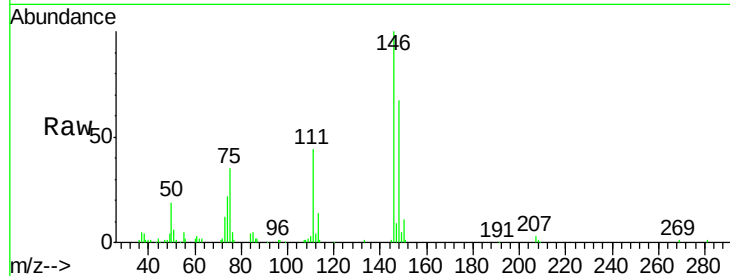
#87
 1,3-Dichlorobenzene
 Concen: 5.308 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.2	66.6
148	65.2	32.8	98.4

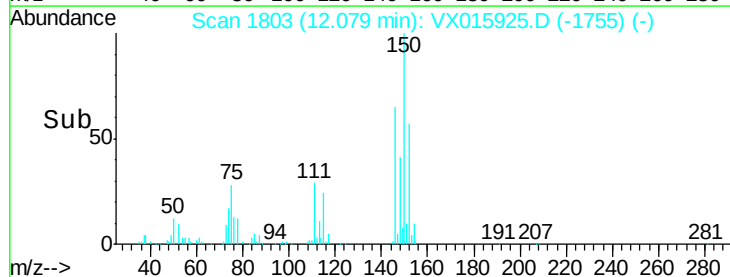
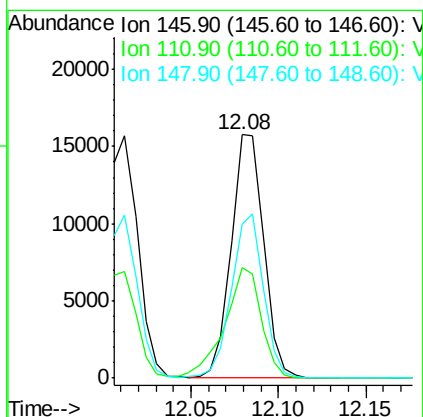
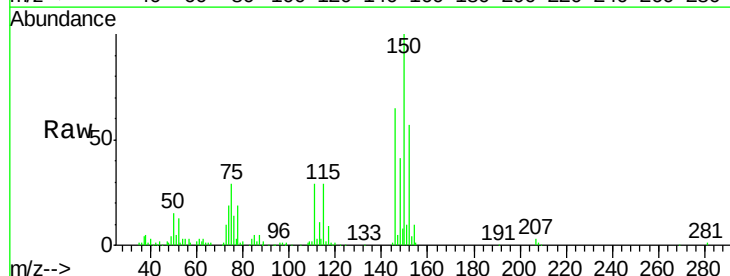
Manual Integrations
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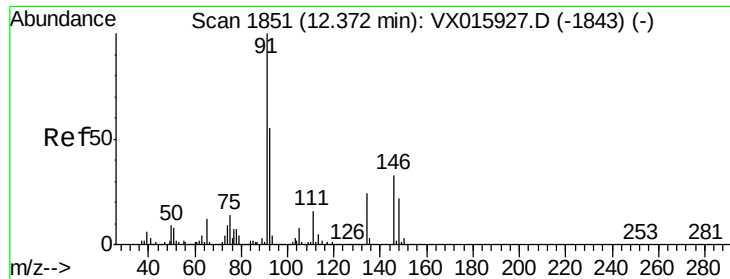
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#88
 1,4-Dichlorobenzene
 Concen: 5.385 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.9	21.6	64.6
148	66.4	32.3	96.8





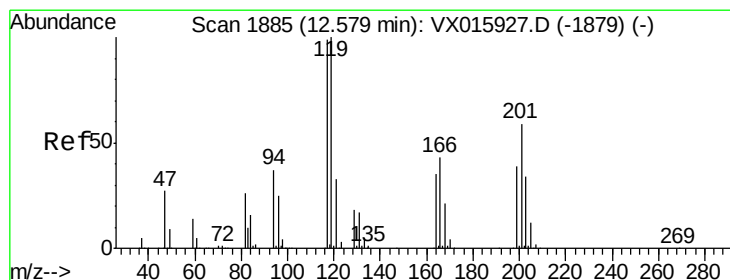
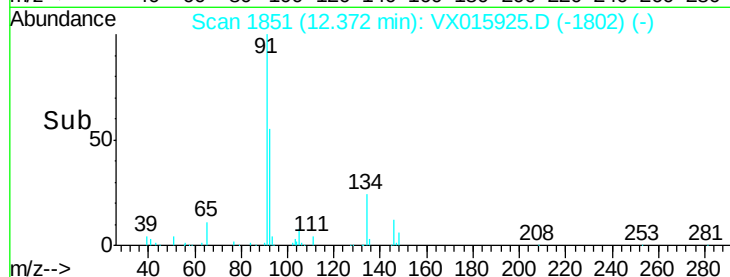
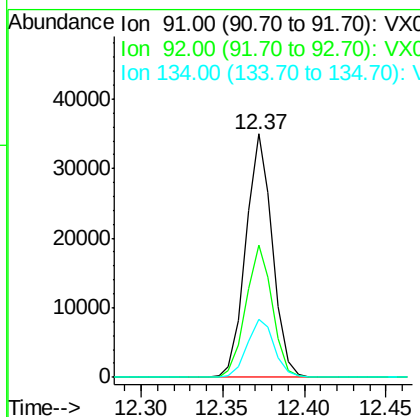
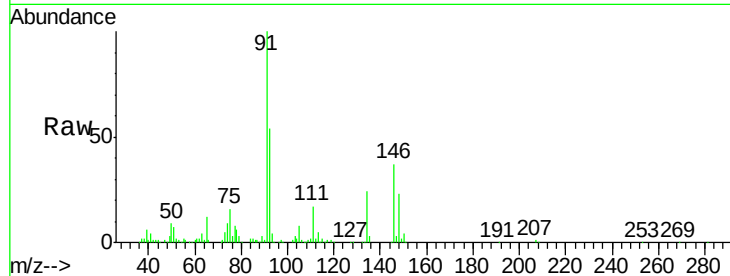
#89
n-Butylbenzene
Concen: 5.332 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	39735		
92	54.0		27.3	81.9
134	24.6		12.2	36.4

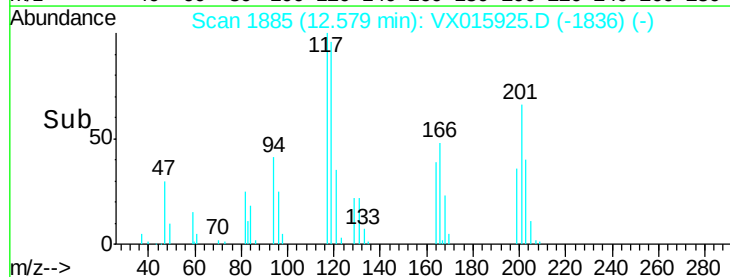
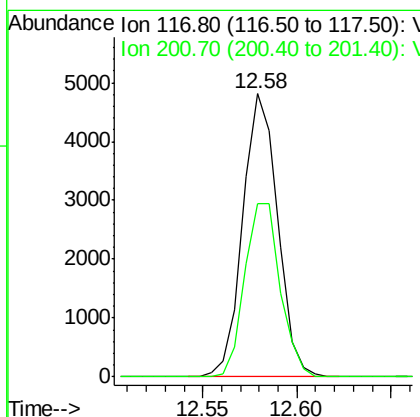
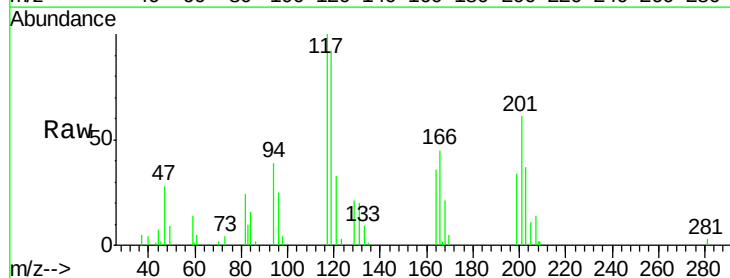
Manual Integrations
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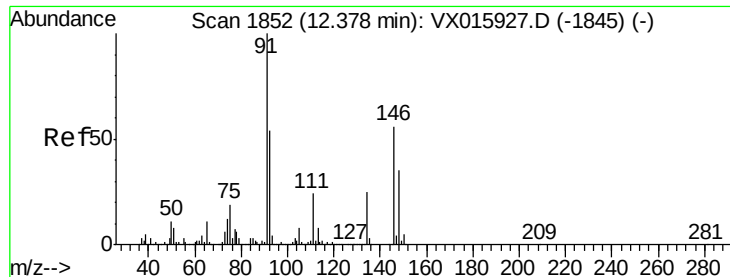
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#90
Hexachloroethane
Concen: 5.235 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015925.D
Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	6183		
201	62.3		32.1	96.3





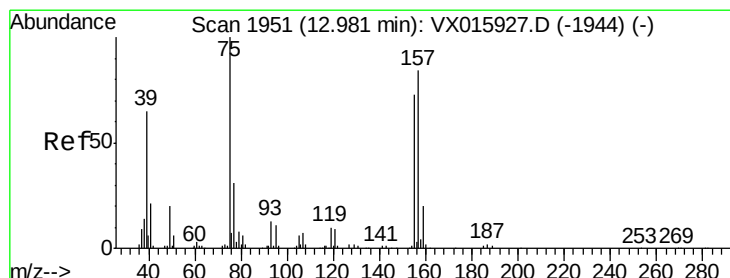
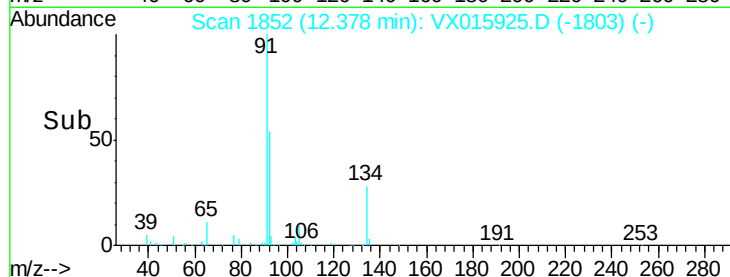
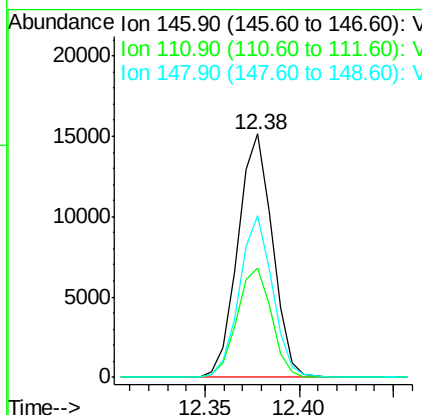
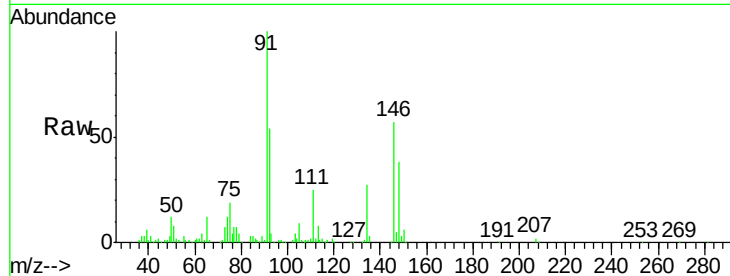
#91
 1,2-Dichlorobenzene
 Concen: 5.279 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.3	66.8
148	63.7	31.4	94.2

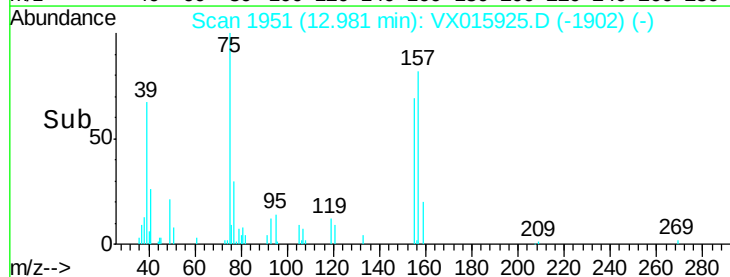
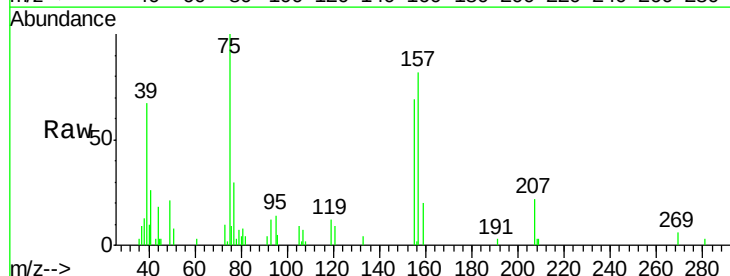
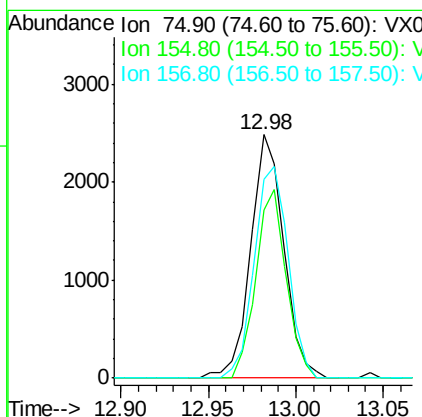
Manual Integrations
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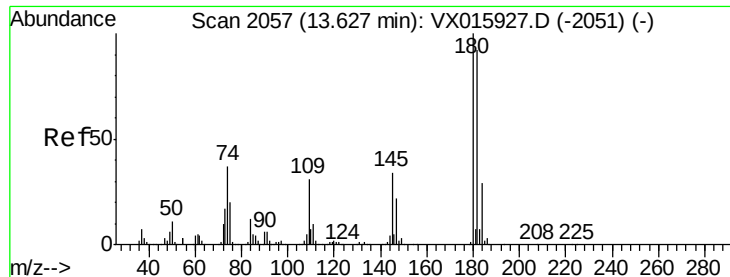
MMDadoda
 4/27/2020 11:37:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.138 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.7	37.9	113.6
157	88.5	47.9	143.8





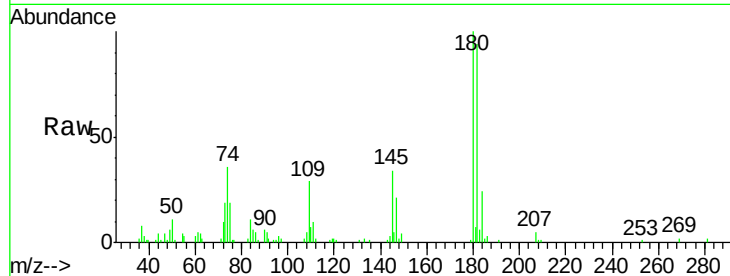
#93
 1,2,4-Trichlorobenzene
 Concen: 5.239 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

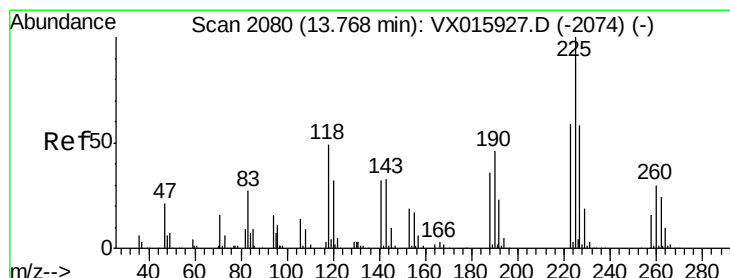
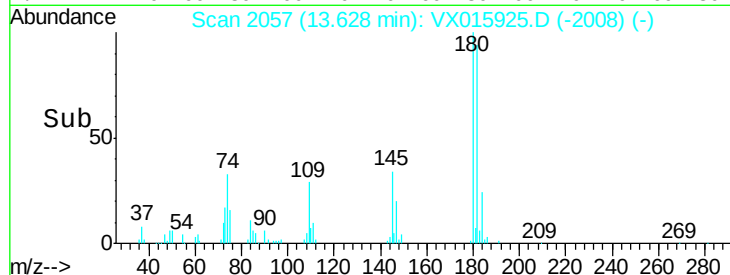
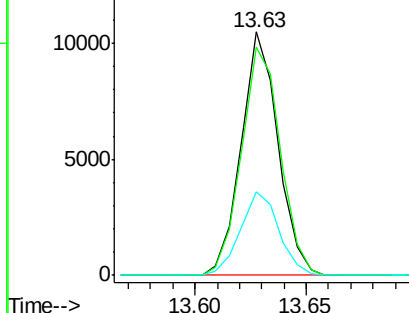
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.6	142.9
145	35.5	17.3	52.0

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 11:37:06 AM

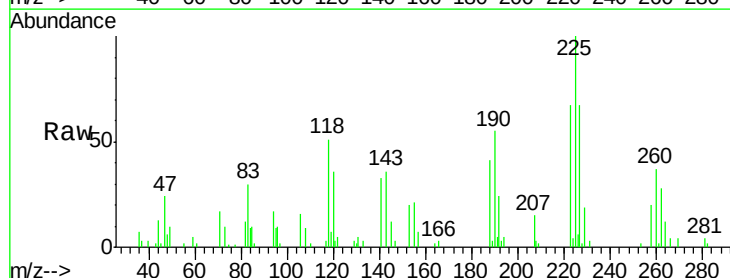


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

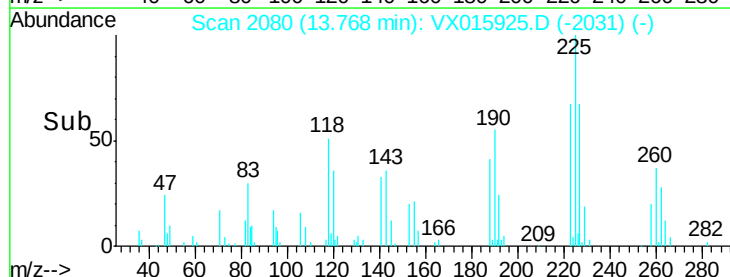
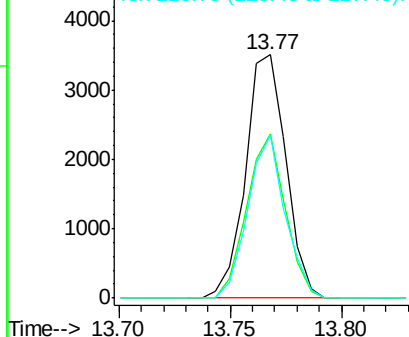


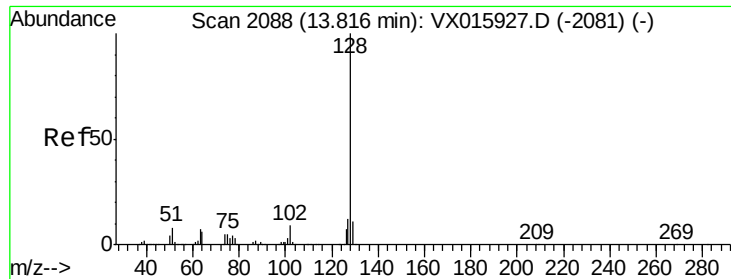
#94
 Hexachlorobutadiene
 Concen: 5.364 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015925.D
 Acq: 24 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.6	91.6
227	61.8	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.140 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Instrument :

MSVOA_X

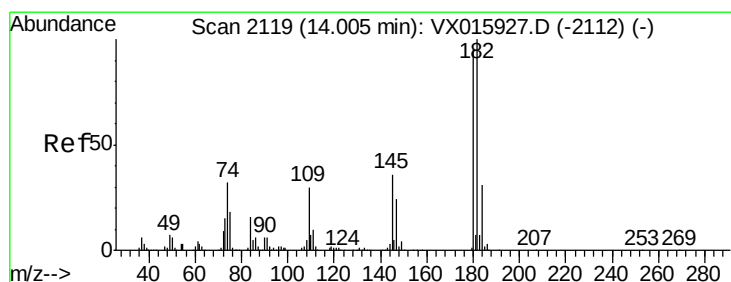
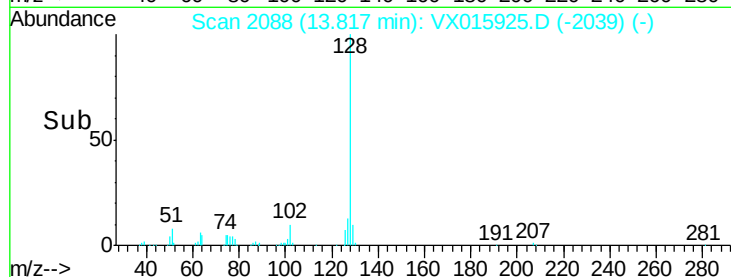
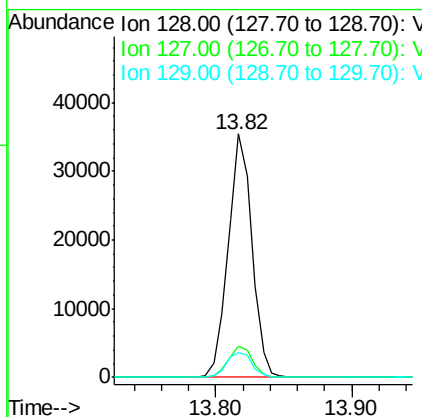
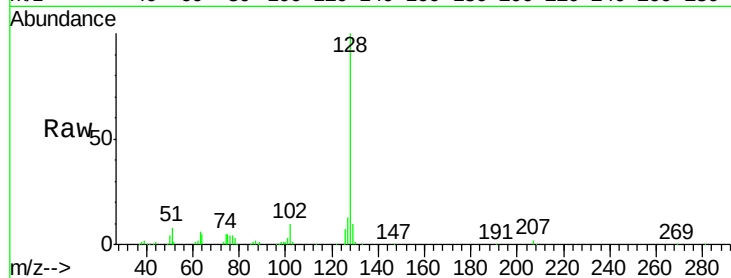
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	42985
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/27/2020 11:37:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 5.433 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015925.D

Acq: 24 Apr 2020 11:27

Tgt Ion:	180	Resp:	11893
Ion	Ratio	Lower	Upper
180	100		
182	94.8	50.1	150.3
145	36.9	18.9	56.9

