

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
 Data File : VX011005.D
 Acq On : 19 Jul 2019 16:14
 Operator : JC/SP
 Sample : K3884-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0620

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M

Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.404	37	41	47	rBV	984585	965397	1.47%	0.395%
2	1.788	99	104	117	rVB	1436264	2057704	3.12%	0.842%
3	2.001	133	139	152	rVB	1943336	2788584	4.23%	1.141%
4	2.891	280	285	289	rBV	615328	1261857	1.92%	0.516%
5	2.934	289	292	311	rVB	677744	1278151	1.94%	0.523%
6	3.172	320	331	350	rBV	665020	1559673	2.37%	0.638%
7	3.525	379	389	406	rBV	828447	1909156	2.90%	0.781%
8	4.409	522	534	548	rVB	2114440	6261598	9.50%	2.562%
9	5.586	717	727	737	rBV2	1815410	5755552	8.74%	2.355%
10	5.934	770	784	797	rBV4	392280	1294749	1.97%	0.530%
11	6.263	820	838	847	rBV2	226056	756078	1.15%	0.309%
12	6.458	862	870	881	rVB	345843	952284	1.45%	0.390%
13	6.860	927	936	944	rBV	352872	832569	1.26%	0.341%
14	7.464	1021	1035	1044	rBV	2591232	5828416	8.85%	2.385%
15	8.713	1235	1240	1246	rVB	802256	1355117	2.06%	0.555%
16	8.781	1246	1251	1256	rBV	455883	691725	1.05%	0.283%
17	10.110	1465	1469	1475	rVB	736007	1003656	1.52%	0.411%
18	10.256	1486	1493	1499	rBV	17744810	24037839	36.49%	9.837%
19	10.372	1502	1512	1517	rBV	40551142	65878855	100.00%	26.960%
20	10.707	1560	1567	1572	rVB	27118903	36797646	55.86%	15.059%
21	11.018	1612	1618	1623	rBV	1891234	2351224	3.57%	0.962%
22	11.134	1631	1637	1642	rBV	705194	891133	1.35%	0.365%
23	11.359	1669	1674	1681	rBV	2155077	2602511	3.95%	1.065%
24	11.433	1681	1686	1694	rVV	7759980	13689385	20.78%	5.602%
25	11.506	1694	1698	1707	rVB	5214969	6192495	9.40%	2.534%
26	11.664	1719	1724	1734	rBV	4287444	5409259	8.21%	2.214%
27	11.810	1742	1748	1753	rVB	13040400	16378534	24.86%	6.703%
28	12.073	1786	1791	1797	rVB2	898882	1370458	2.08%	0.561%
29	12.140	1797	1802	1808	rBV	6097735	7443739	11.30%	3.046%
30	12.298	1822	1828	1835	rBV2	2239742	3502588	5.32%	1.433%
31	12.371	1835	1840	1849	rVB3	1163913	1709425	2.59%	0.700%
32	12.585	1870	1875	1877	rBV	623027	814431	1.24%	0.333%
33	12.609	1877	1879	1883	rVB	677219	673328	1.02%	0.276%
34	12.664	1884	1888	1891	rBV	809075	928842	1.41%	0.380%

LSC Area Percent Report

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SW846 8260

35	12.755	1898	1903	1911	rVB3	610381	1106261	1.68%	0.453%
36	12.975	1931	1939	1942	rVV	588126	754932	1.15%	0.309%
37	13.018	1942	1946	1952	rVB	976081	1165713	1.77%	0.477%
38	13.341	1995	1999	2005	rVB2	1593734	2279251	3.46%	0.933%
39	13.475	2016	2021	2031	rVB	1297124	1652327	2.51%	0.676%
40	13.835	2071	2080	2087	rVB	4970644	6243676	9.48%	2.555%
41	14.694	2213	2221	2225	rBV	1936231	2423733	3.68%	0.992%
42	14.834	2238	2244	2253	rBV	1187130	1511798	2.29%	0.619%

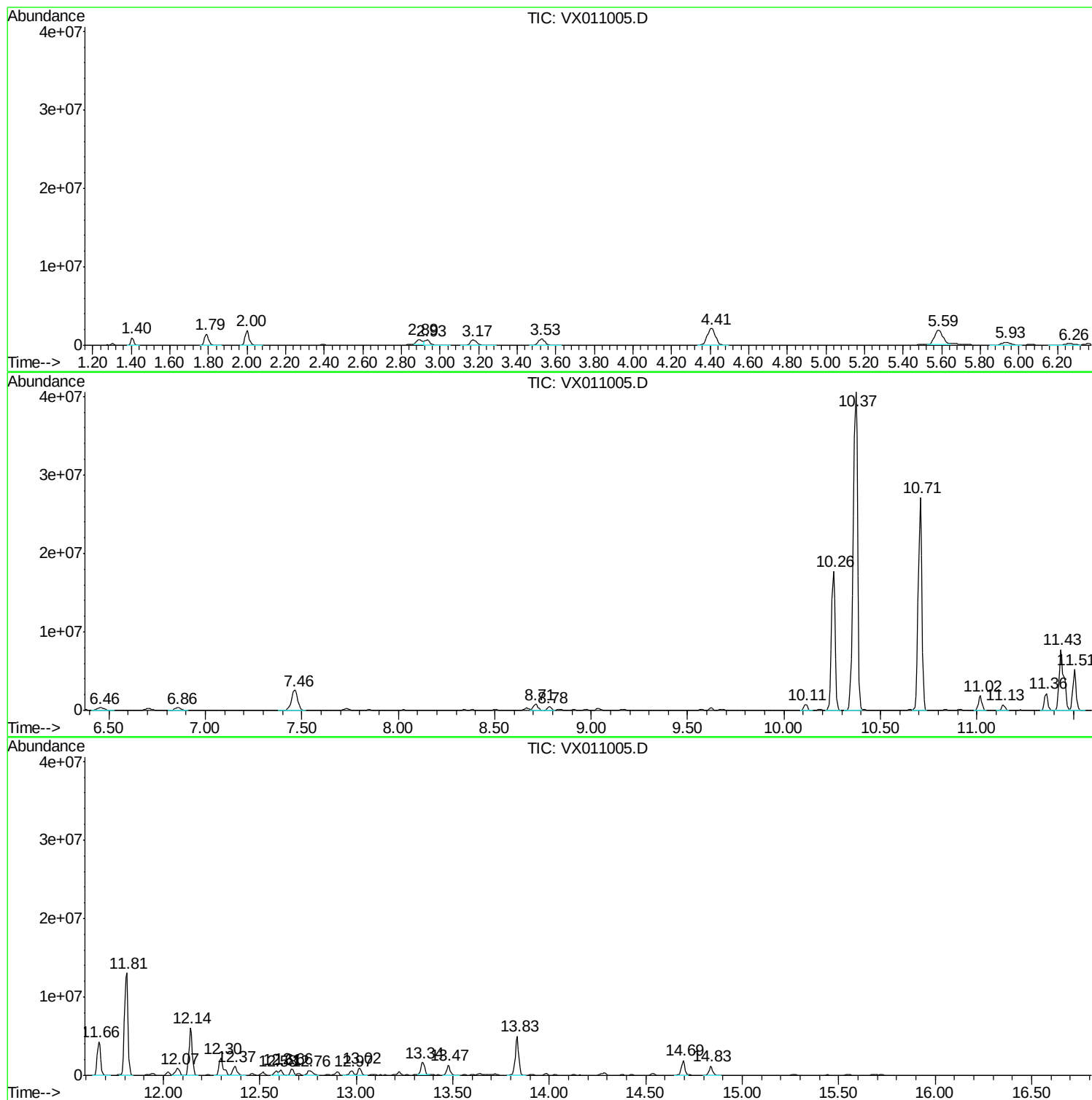
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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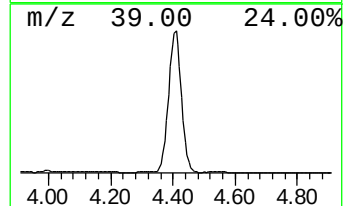
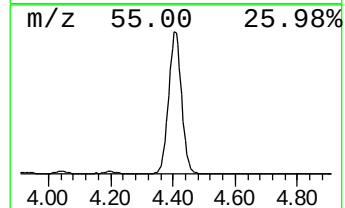
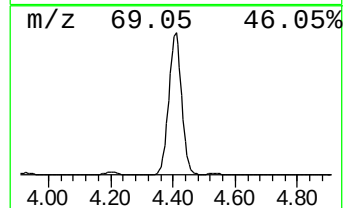
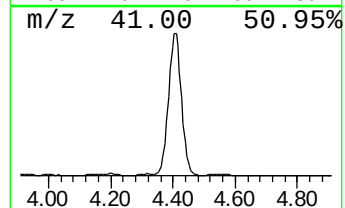
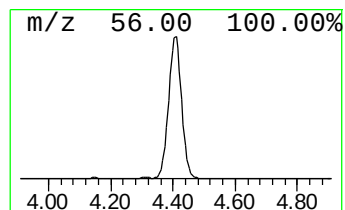
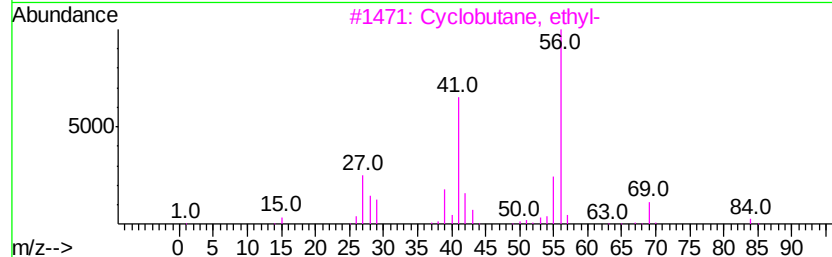
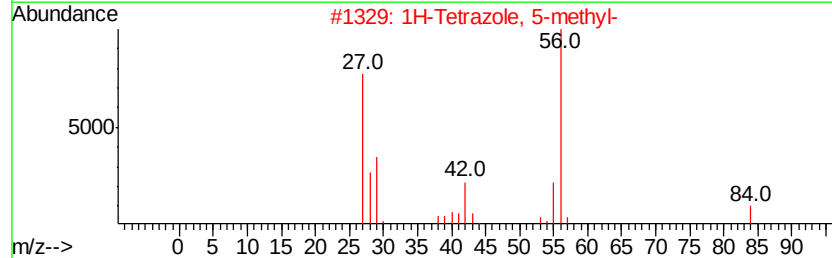
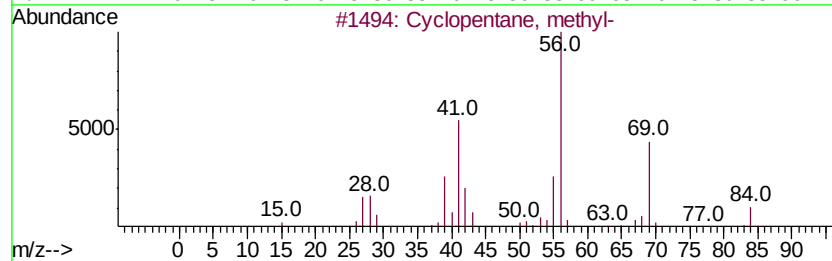
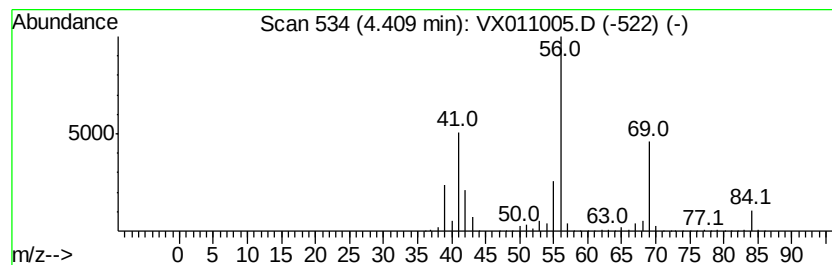
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclopentane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	54.40 ug/l	6261600	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4		Cyclohexane	84	C6H12	000110-82-7	64
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	53



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Instrument :
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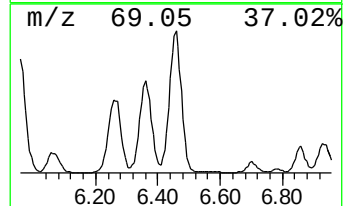
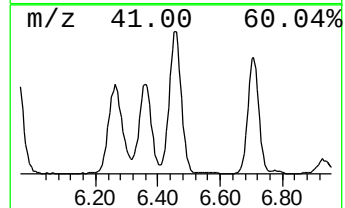
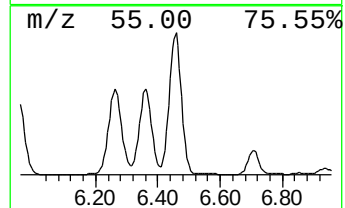
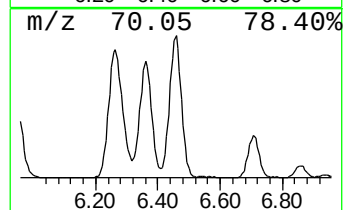
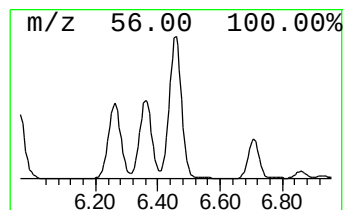
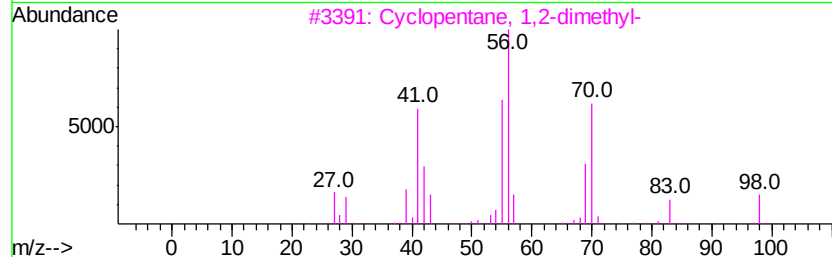
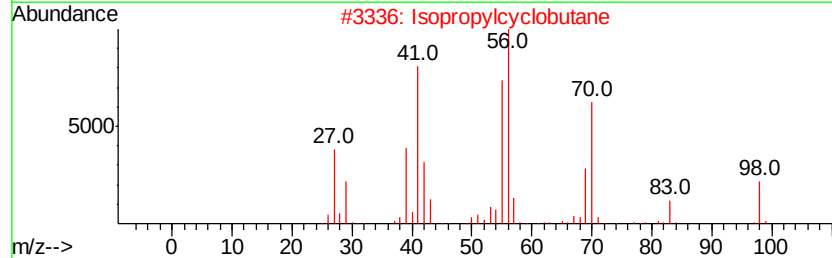
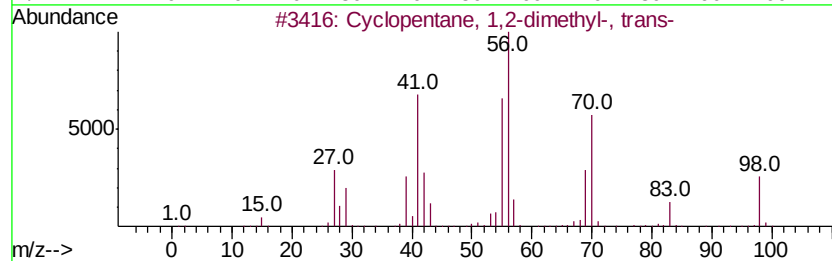
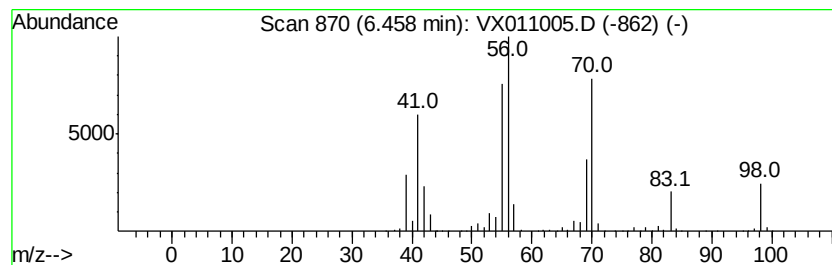
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Cyclopentane, 1,2-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	57.19 ug/l	952284	1,4-Difluorobenzene	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2		Isopropylcyclobutane	98	C7H14	000872-56-0	94
3		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86
5		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86



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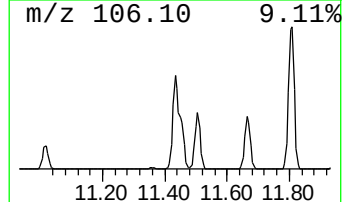
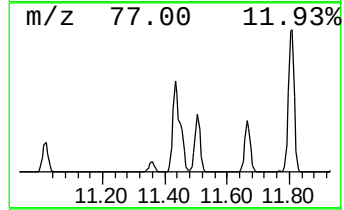
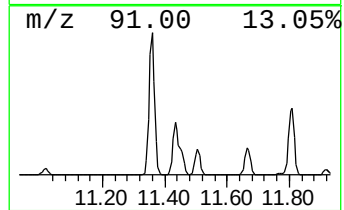
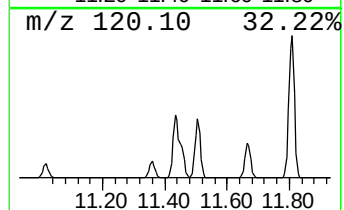
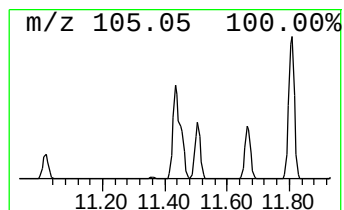
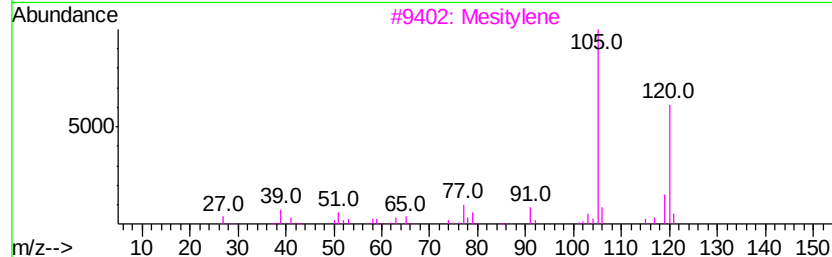
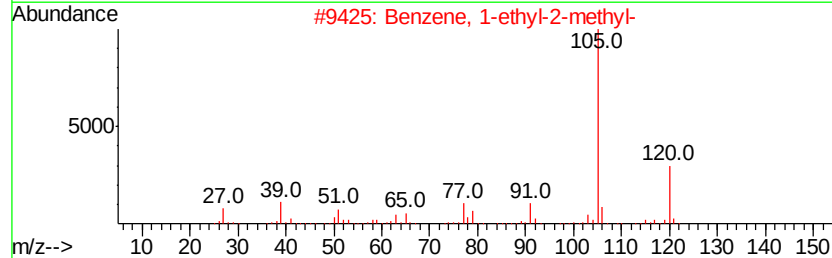
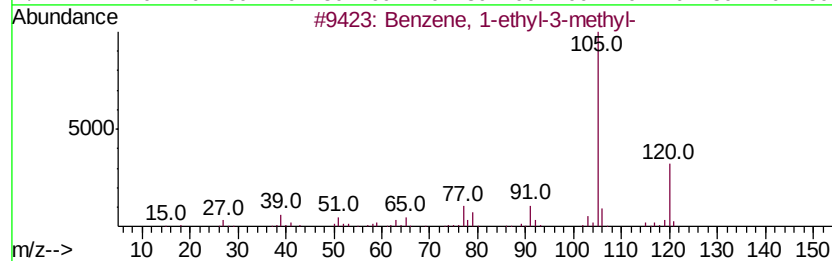
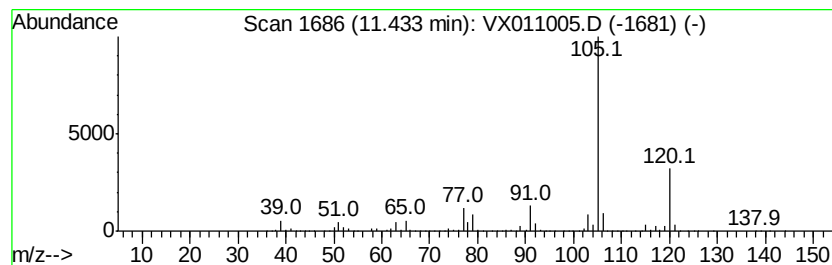
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	499.45 ug/l	13689400	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
3		Mesitylene	120 C9H12	000108-67-8 91
4		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91
5		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 91



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Instrument :
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ClientSampled :
FL-0620

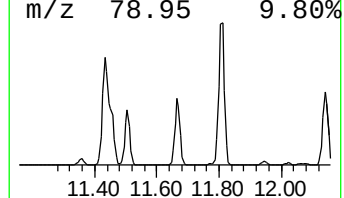
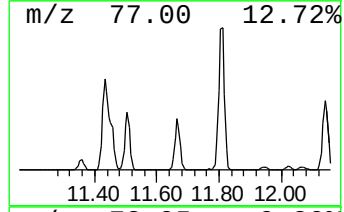
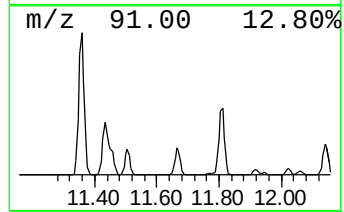
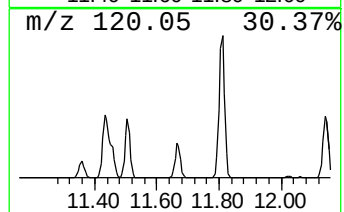
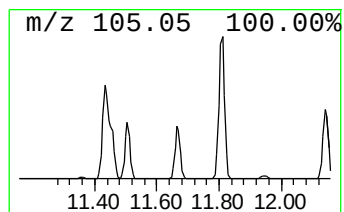
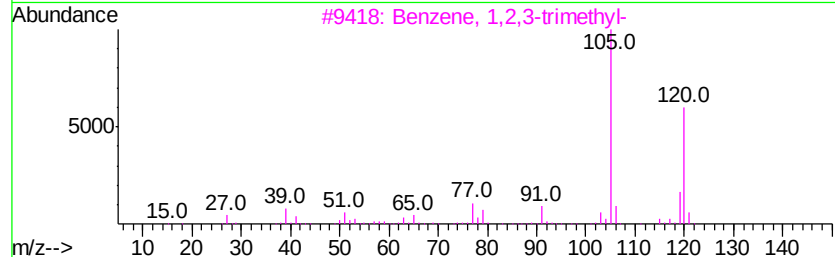
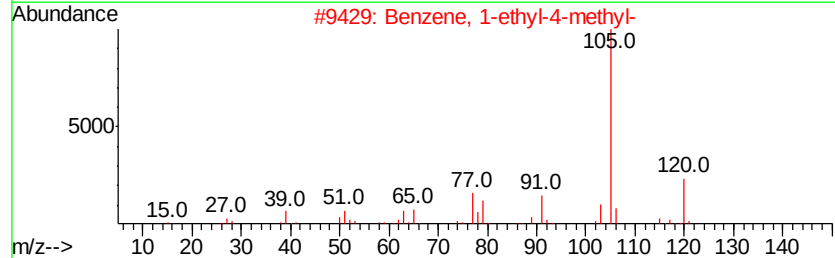
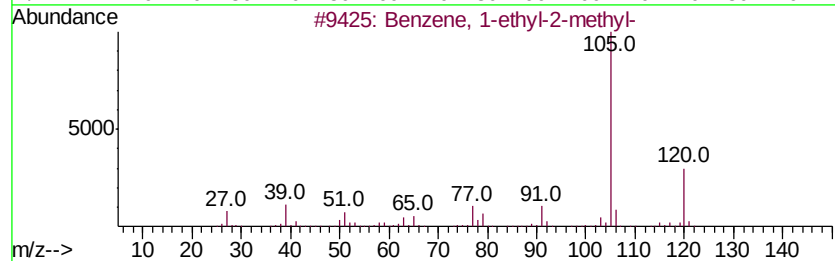
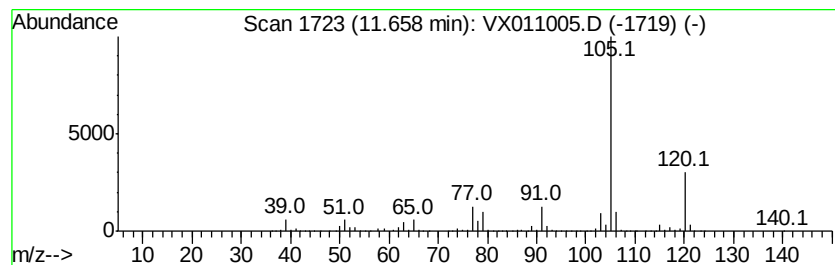
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	197.35 ug/l	5409260	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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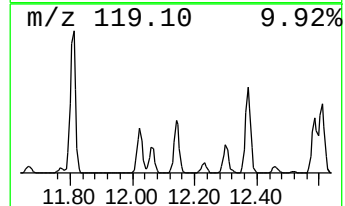
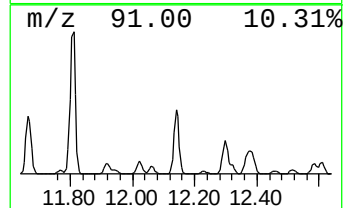
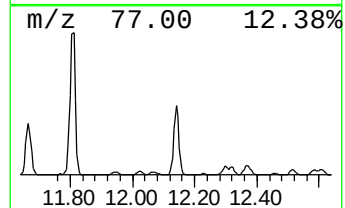
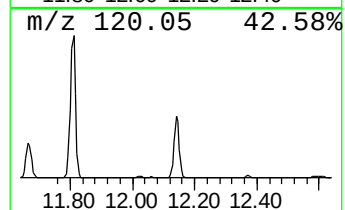
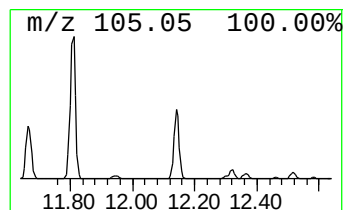
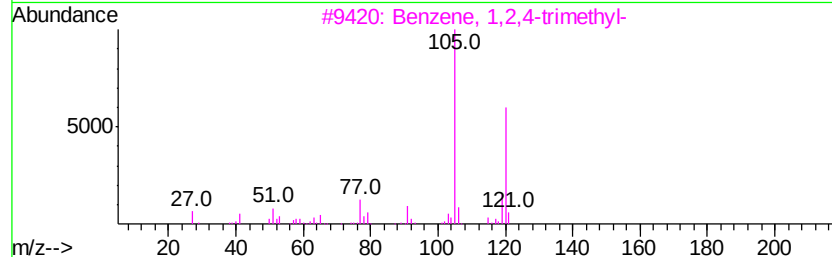
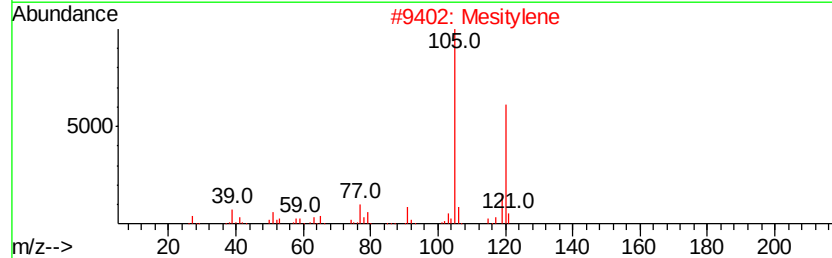
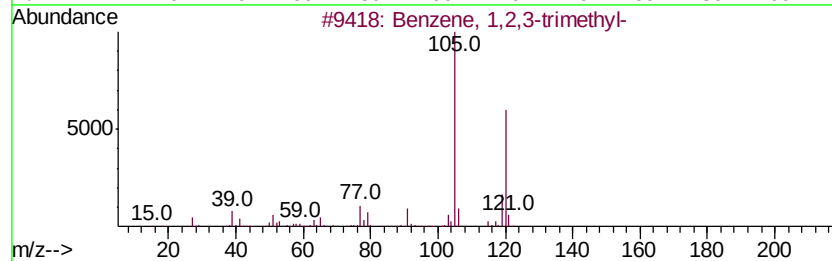
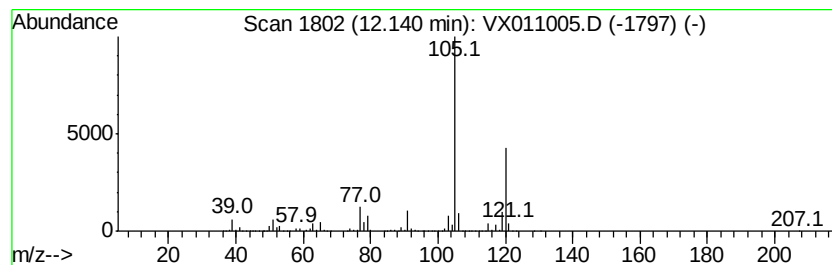
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	271.58 ug/l	7443740	1,4-Dichlorobenzene-d4	12.08

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011005.D
Acq On : 19 Jul 2019 16:14
Operator : JC/SP
Sample : K3884-20
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0620

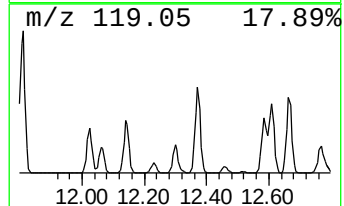
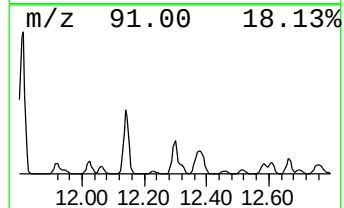
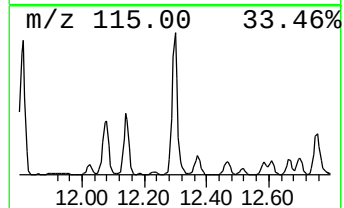
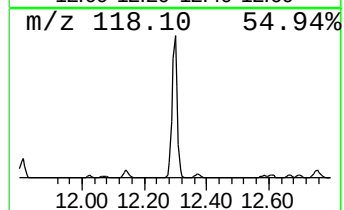
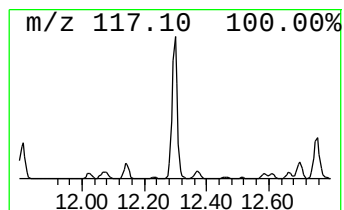
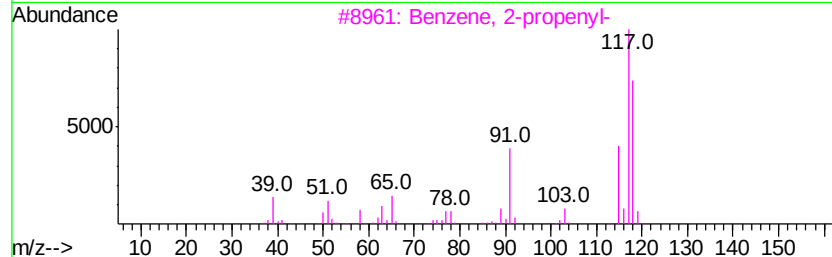
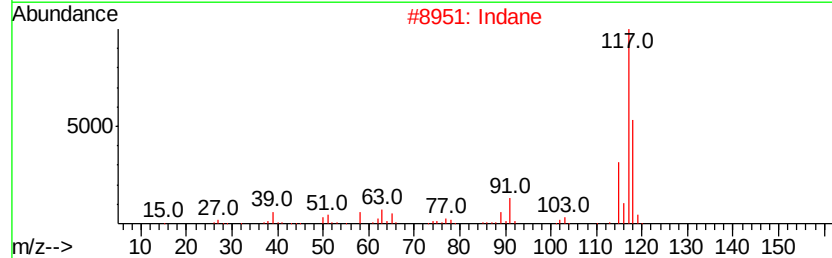
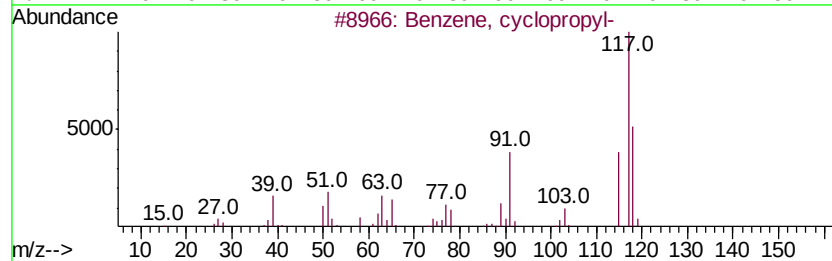
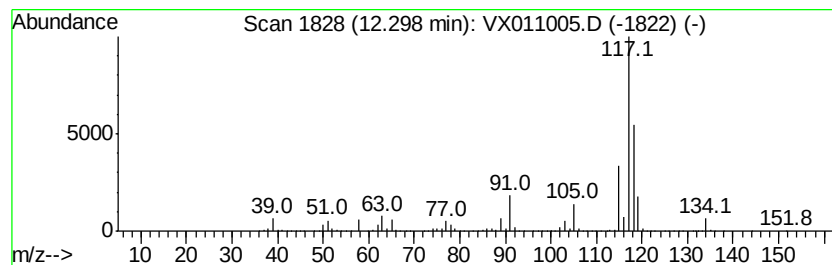
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	127.79 ug/l	3502590	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	76
2		Indane	118	C9H10	000496-11-7	76
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4		Deltacyclene	118	C9H10	007785-10-6	58
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011005.D
Acq On : 19 Jul 2019 16:14
Operator : JC/SP
Sample : K3884-20
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0620

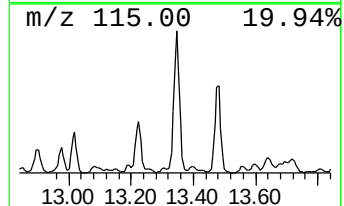
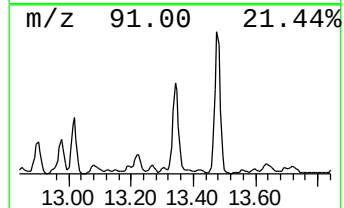
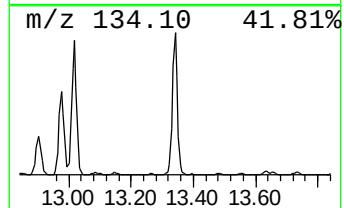
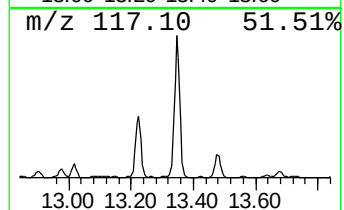
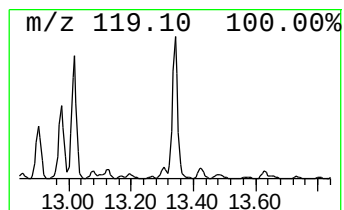
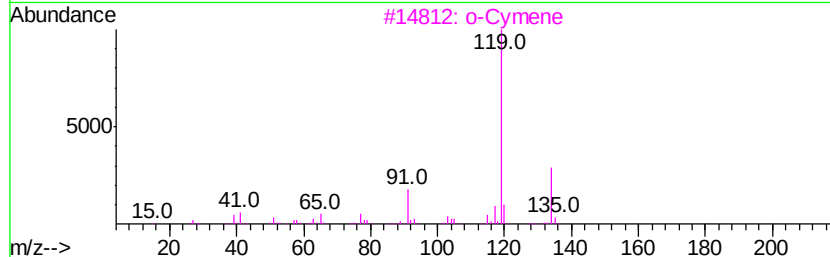
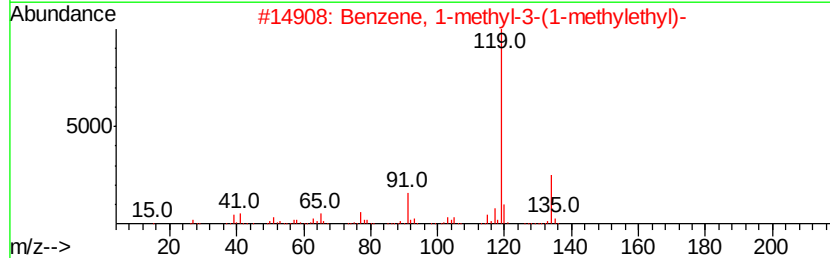
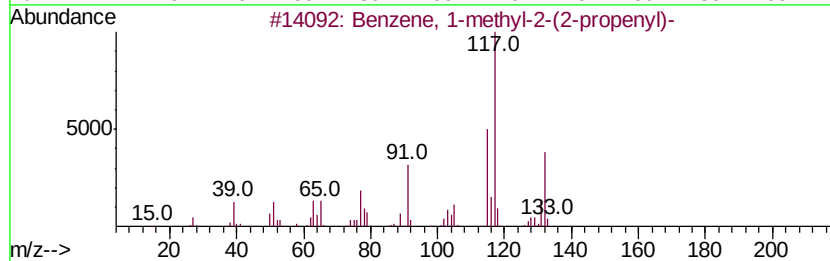
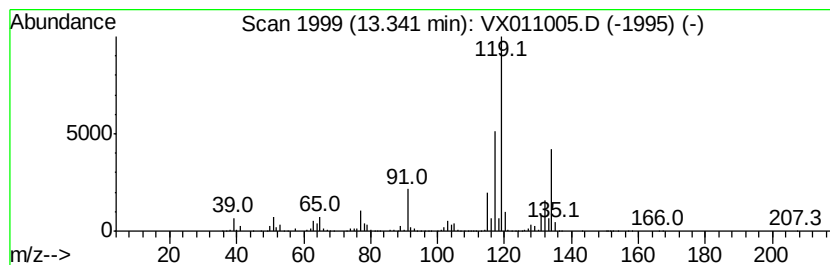
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	83.16 ug/l	2279250	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072019\
Data File : VX011005.D
Acq On : 19 Jul 2019 16:14
Operator : JC/SP
Sample : K3884-20
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FL-0620

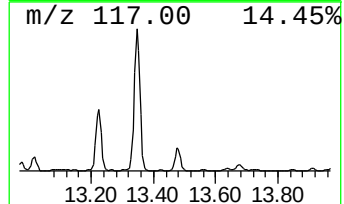
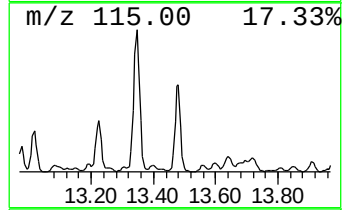
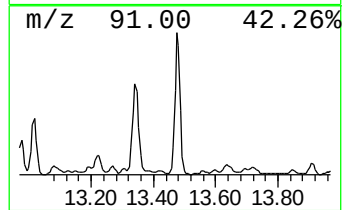
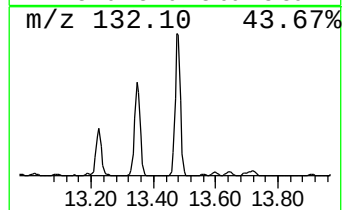
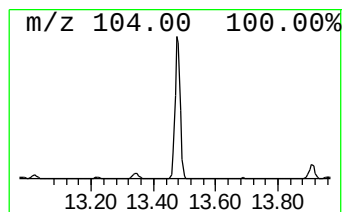
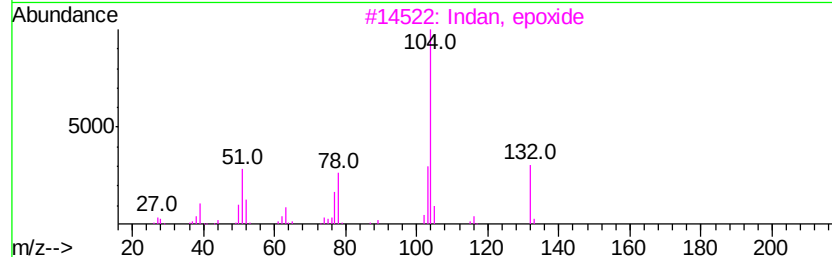
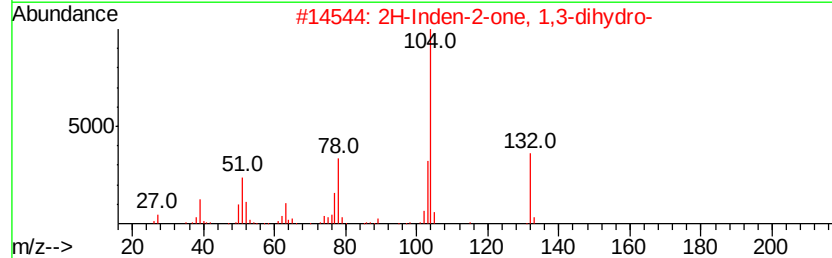
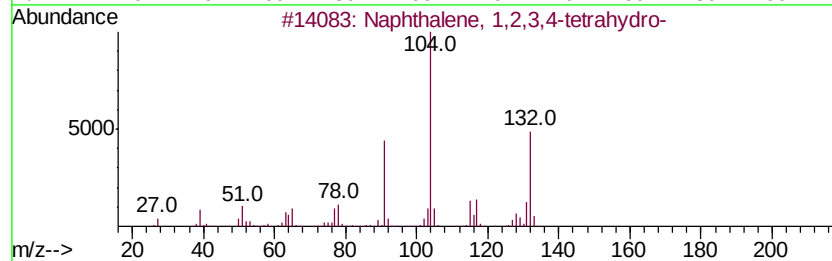
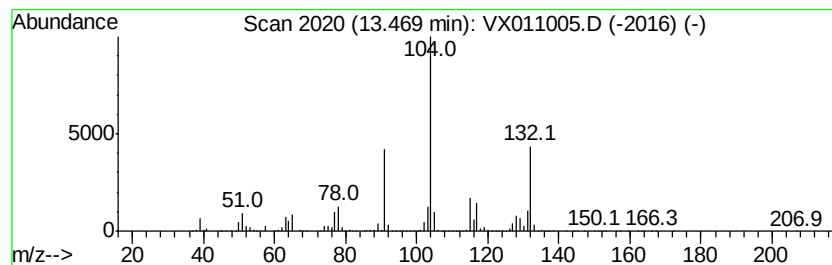
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	60.28 ug/l	1652330	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53
3		Indan, epoxide	132	C9H8O	000768-22-9	53
4		N-Ethylbenzimidovl bromide	211	C9H10BrN	041182-87-0	40
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO072019\
Data File : VX011005.D
Acq On : 19 Jul 2019 16:14
Operator : JC/SP
Sample : K3884-20
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

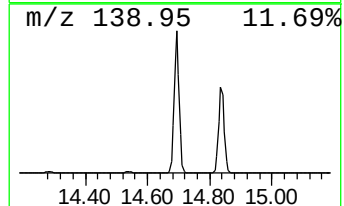
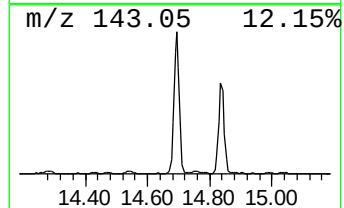
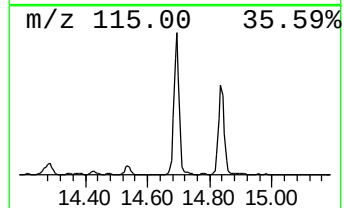
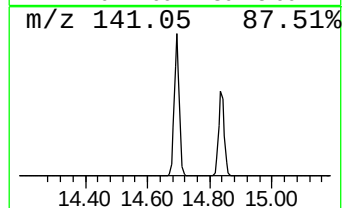
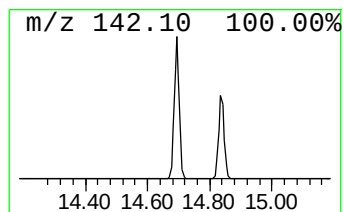
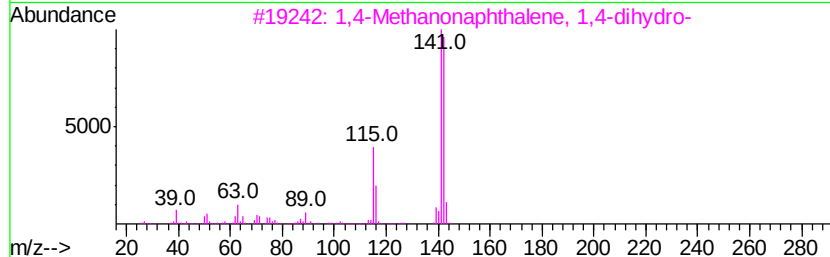
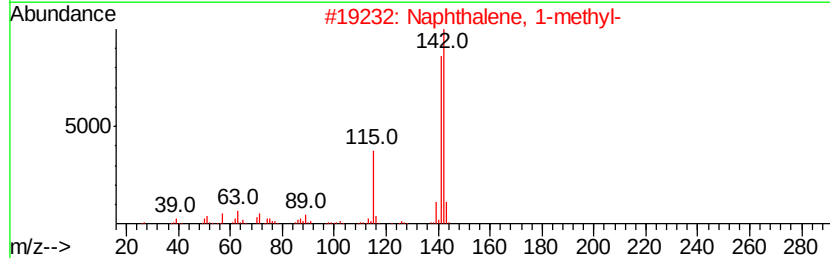
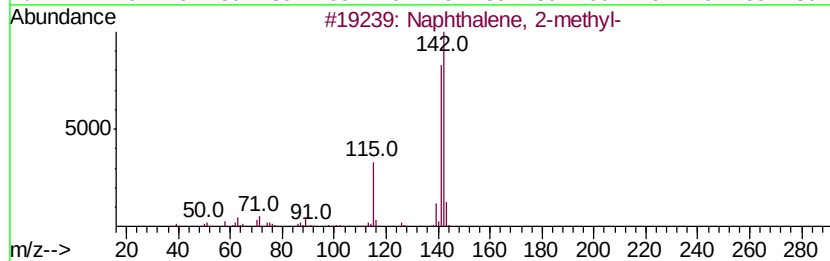
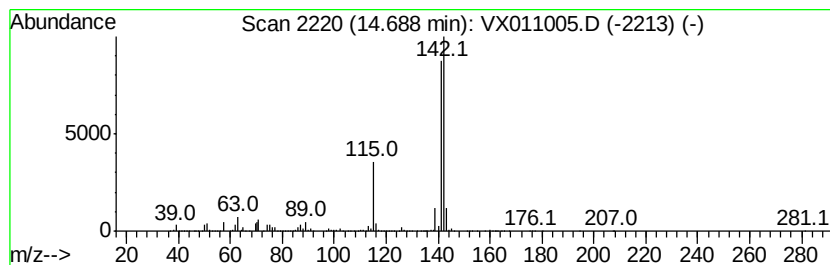
Instrument :
MSVOA_X
ClientSampleId :
FL-0620

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.69	88.43 ug/l	2423730	1,4-Dichlorobenzene-d4	12.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011005.D
Acq On : 19 Jul 2019 16:14
Operator : JC/SP
Sample : K3884-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0620

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentane, met...	4.41	54.4	ug/l	6261600	1	5.67	5755550	50.0
Cyclopentane, 1,2...	6.46	57.2	ug/l	952284	2	6.86	832569	50.0
Benzene, 1-ethyl-...	11.43	499.4	ug/l	13689400	4	12.08	1370460	50.0
Benzene, 1-ethyl-...	11.66	197.3	ug/l	5409260	4	12.08	1370460	50.0
Benzene, 1,2,3-tr...	12.14	271.6	ug/l	7443740	4	12.08	1370460	50.0
Benzene, cyclopro...	12.30	127.8	ug/l	3502590	4	12.08	1370460	50.0
Benzene, 1-methyl...	13.34	83.2	ug/l	2279250	4	12.08	1370460	50.0
Naphthalene, 1,2,...	13.47	60.3	ug/l	1652330	4	12.08	1370460	50.0
Naphthalene, 1-me...	14.69	88.4	ug/l	2423730	4	12.08	1370460	50.0