

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005539.D
 Acq On : 04 Aug 2021 15:48
 Operator : SY/MD
 Sample : M3291-01
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Title : SW846 8260

Signal : TIC: VY005539.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.729	467	477	493	rVB	27767	85634	5.65%	0.728%
2	5.765	633	647	660	rBV2	10396	33603	2.22%	0.286%
3	7.728	957	969	975	rBV	192198	462181	30.50%	3.929%
4	7.801	975	981	992	rVB	312356	713170	47.07%	6.063%
5	8.149	1029	1038	1050	rVB	186755	408648	26.97%	3.474%
6	8.697	1116	1128	1139	rVB	531125	1030339	68.00%	8.760%
7	10.185	1364	1372	1386	rBV	893341	1515157	100.00%	12.881%
8	11.496	1579	1587	1597	rBV	860738	1368069	90.29%	11.631%
9	12.483	1743	1749	1758	rVB	729086	1126580	74.35%	9.578%
10	12.648	1773	1776	1784	rVB7	9534	17947	1.18%	0.153%
11	12.806	1796	1802	1807	rVV3	12586	27191	1.79%	0.231%
12	12.959	1817	1827	1830	rBV4	18932	54221	3.58%	0.461%
13	13.325	1878	1887	1890	rBV6	21297	45871	3.03%	0.390%
14	13.428	1897	1904	1918	rVB	915506	1412009	93.19%	12.005%
15	13.697	1941	1948	1951	rBV7	7911	18474	1.22%	0.157%
16	13.751	1951	1957	1961	rBV3	47864	87517	5.78%	0.744%
17	13.794	1961	1964	1968	rVB2	16092	20715	1.37%	0.176%
18	13.855	1970	1974	1981	rVB6	21859	44055	2.91%	0.375%
19	13.934	1982	1987	1989	rBV4	21492	37487	2.47%	0.319%
20	13.971	1989	1993	2006	rVB2	54995	99247	6.55%	0.844%
21	14.081	2006	2011	2015	rVB4	39040	62264	4.11%	0.529%
22	14.148	2016	2022	2027	rBV5	35833	67538	4.46%	0.574%
23	14.196	2027	2030	2035	rBV5	17959	26157	1.73%	0.222%
24	14.263	2035	2041	2045	rBV3	109327	237186	15.65%	2.016%
25	14.379	2057	2060	2063	rBV3	18793	24267	1.60%	0.206%
26	14.422	2063	2067	2071	rVV4	66624	103811	6.85%	0.883%
27	14.477	2074	2076	2085	rVB8	26977	45269	2.99%	0.385%
28	14.623	2096	2100	2103	rBV5	36390	64601	4.26%	0.549%
29	14.678	2104	2109	2115	rVV3	140961	276625	18.26%	2.352%
30	14.739	2115	2119	2125	rVB4	96745	177876	11.74%	1.512%
31	14.818	2125	2132	2134	rBV5	39814	89810	5.93%	0.764%
32	14.849	2134	2137	2140	rBV4	29534	37988	2.51%	0.323%
33	14.946	2149	2153	2157	rVB2	91805	134160	8.85%	1.141%
34	14.983	2157	2159	2161	rBV2	26353	33508	2.21%	0.285%
35	15.056	2166	2171	2175	rBV3	59610	119799	7.91%	1.019%
36	15.147	2183	2186	2191	rVB2	94474	143107	9.45%	1.217%

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

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37	15.215	2192	2197	2202	rBV	190077	300282	19.82%	2.553%
38	15.294	2206	2210	2214	rVB4	74203	129091	8.52%	1.097%
39	15.605	2257	2261	2266	rVB6	55839	100237	6.62%	0.852%
40	15.733	2278	2282	2289	rVB2	123402	204082	13.47%	1.735%
41	16.038	2326	2332	2336	rBV2	107810	199399	13.16%	1.695%
42	16.159	2347	2352	2357	rBV2	95497	169116	11.16%	1.438%
43	16.233	2359	2364	2370	rVB2	108496	218149	14.40%	1.855%
44	16.483	2400	2405	2412	rBV7	68528	189859	12.53%	1.614%

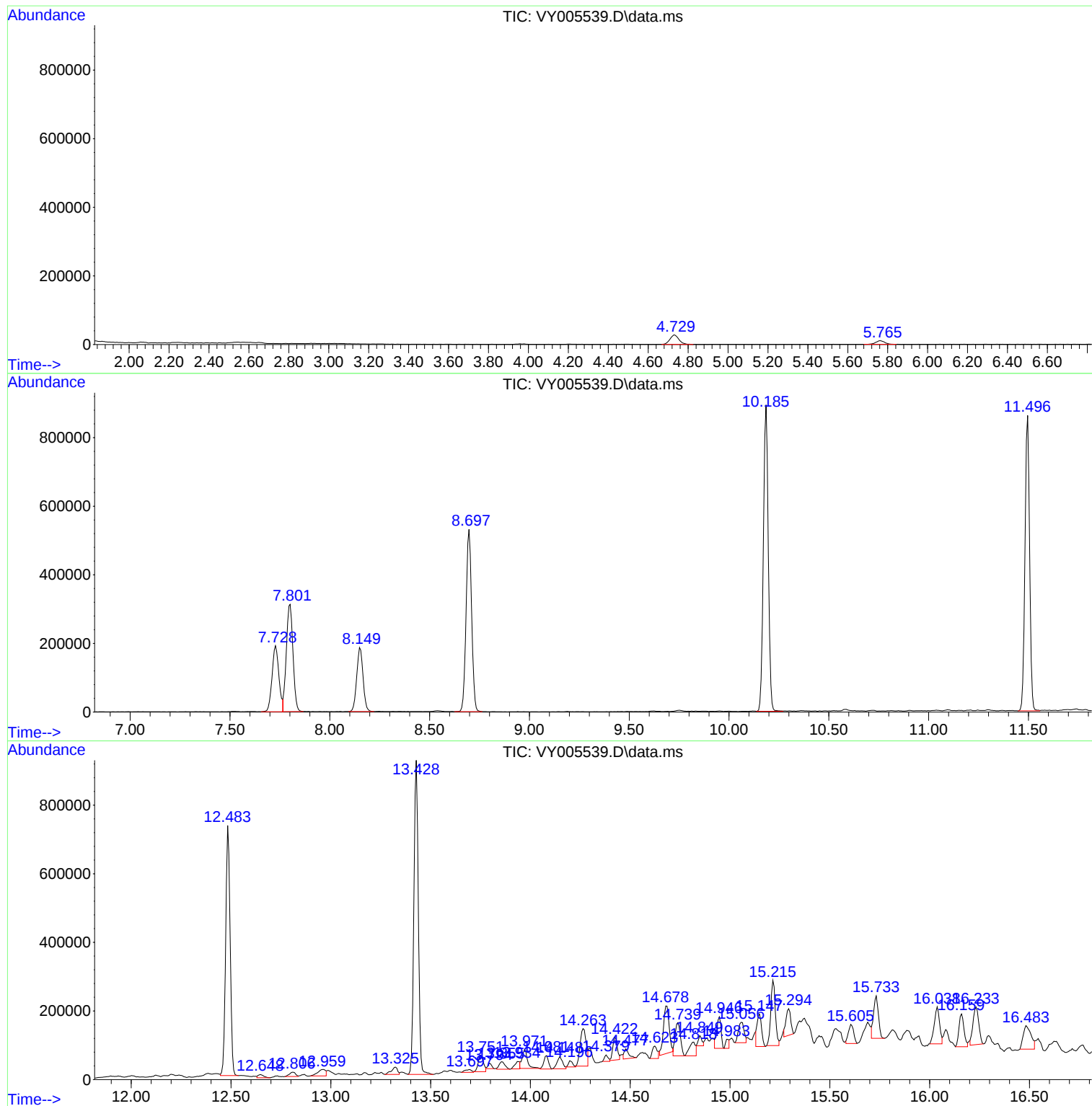
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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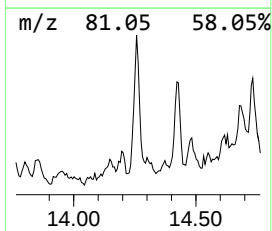
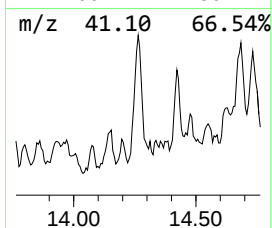
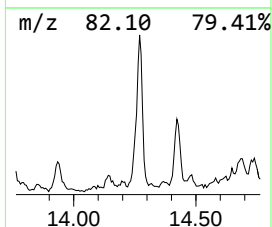
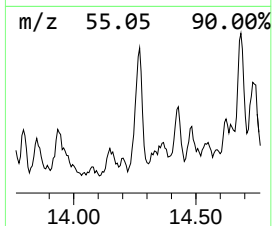
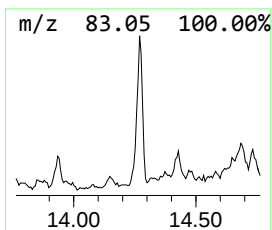
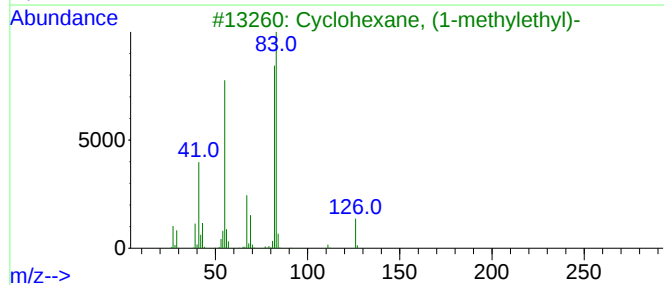
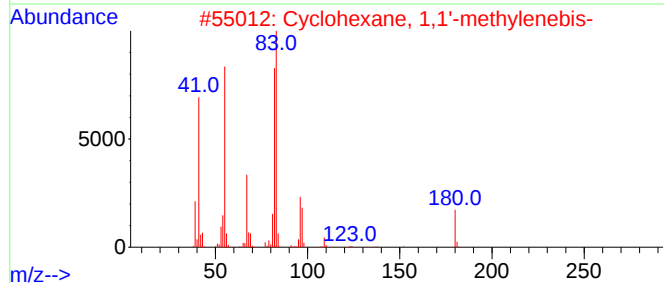
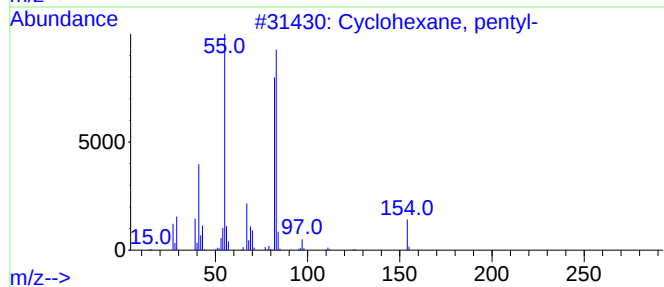
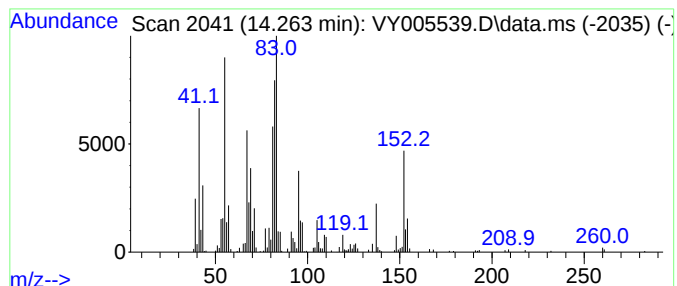
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown14.264 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.264	8.40 ug/l	237186	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	47
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4			Pulegone	152	C10H16O	000089-82-7	46
5			Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	41



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Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

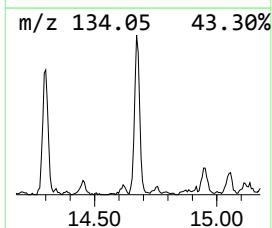
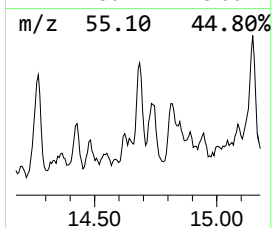
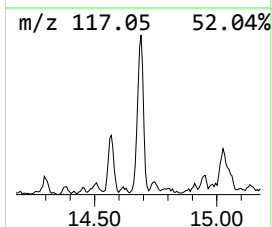
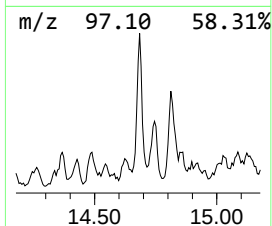
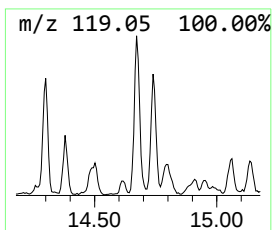
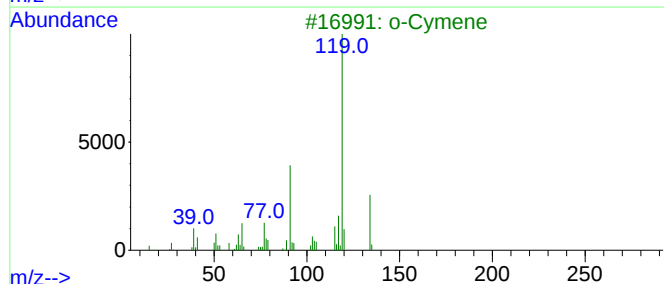
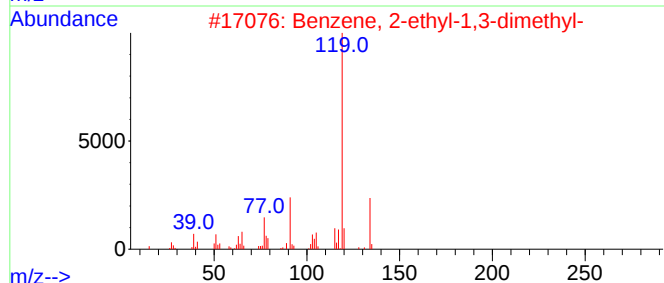
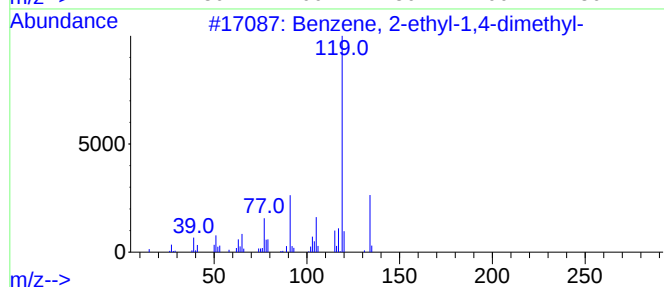
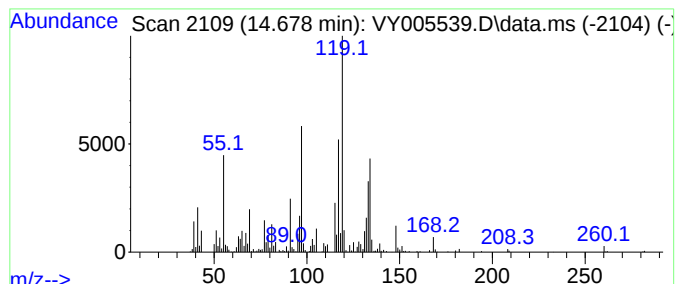
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	9.80 ug/l	276625	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	50
3			o-Cymene	134	C10H14	000527-84-4	50
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



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Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

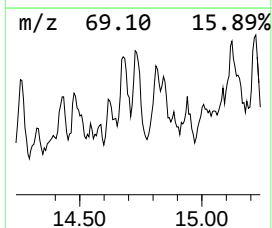
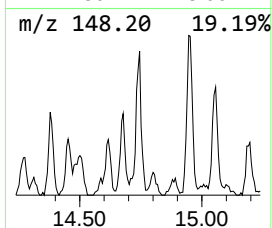
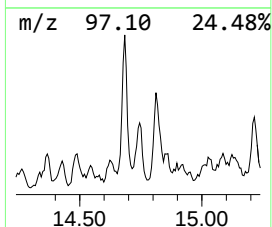
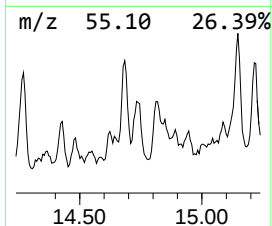
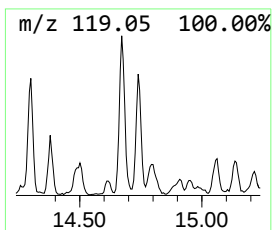
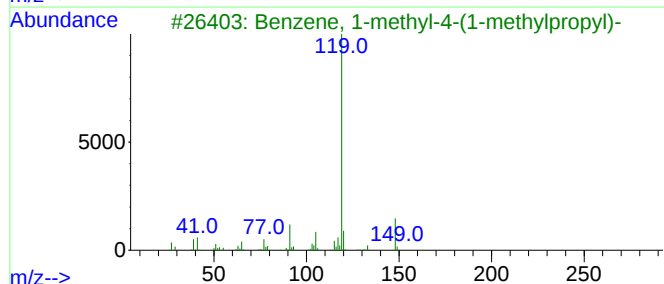
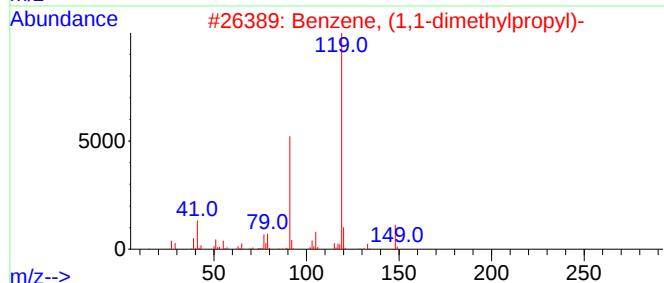
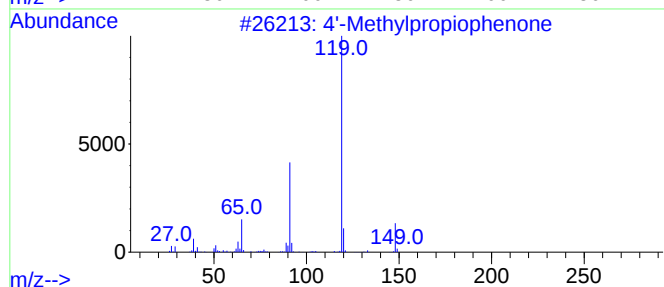
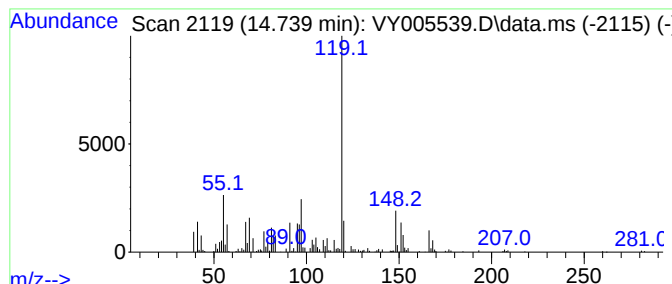
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.739 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	6.30 ug/l	177876	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4'-Methylpropiophenone	148	C10H12O	005337-93-9	47
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	45
5			2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	43



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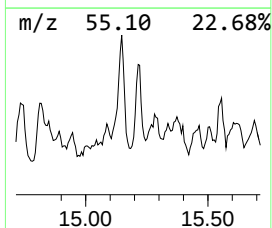
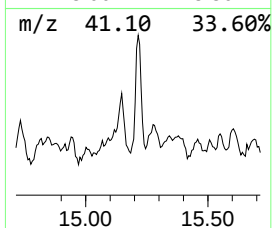
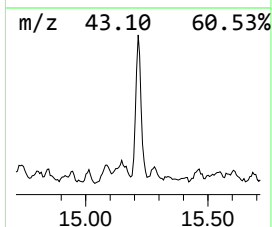
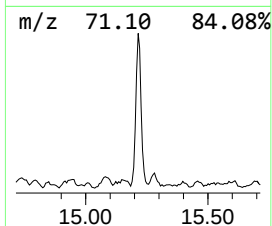
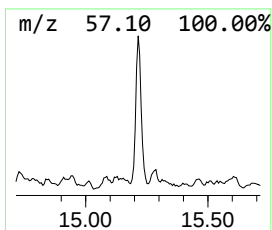
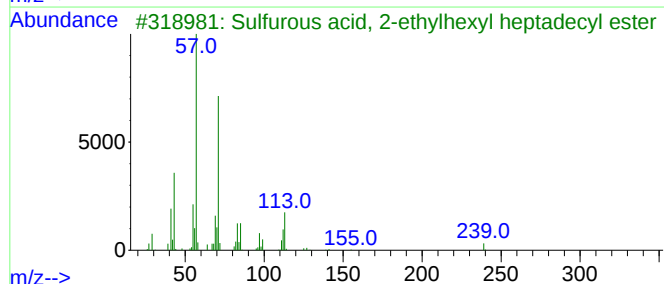
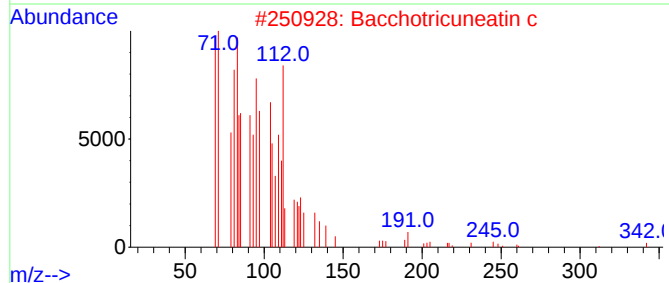
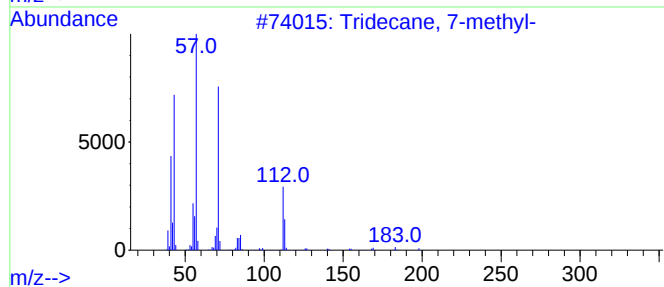
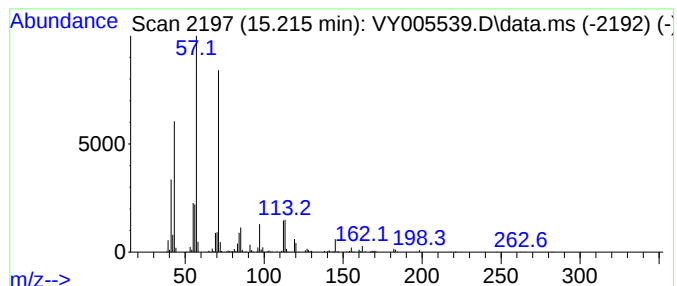
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	10.63 ug/l	300282	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
2			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64



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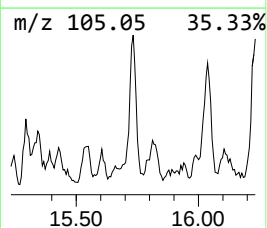
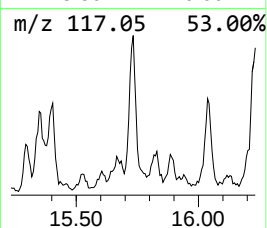
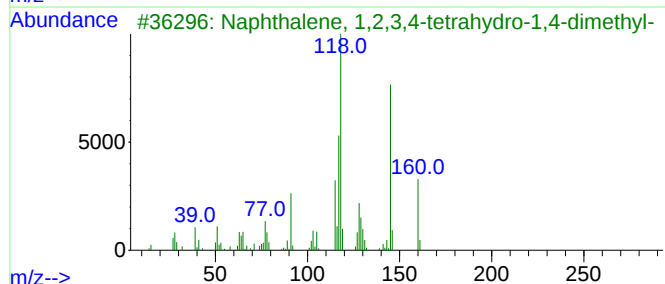
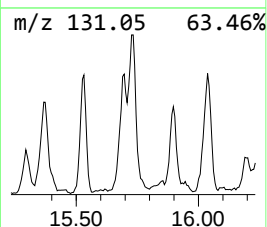
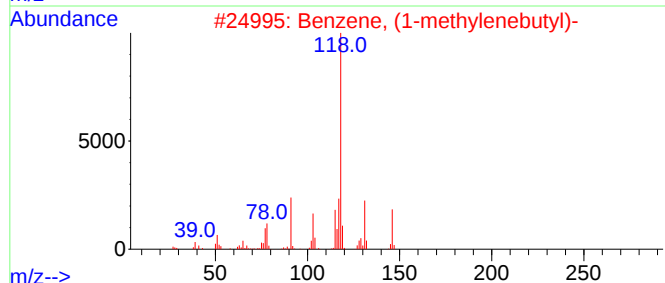
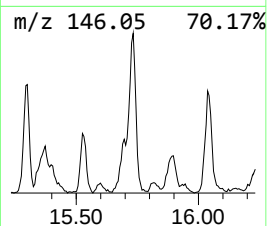
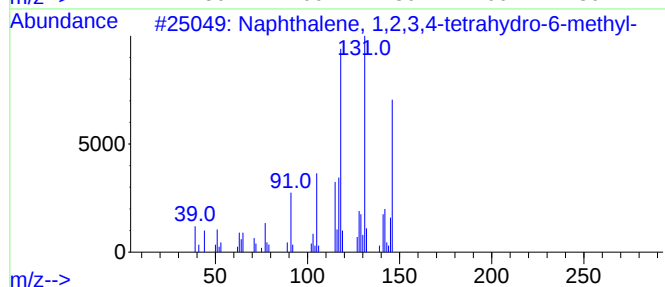
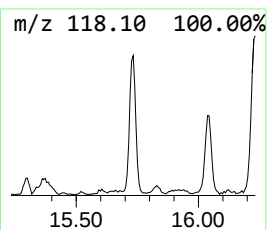
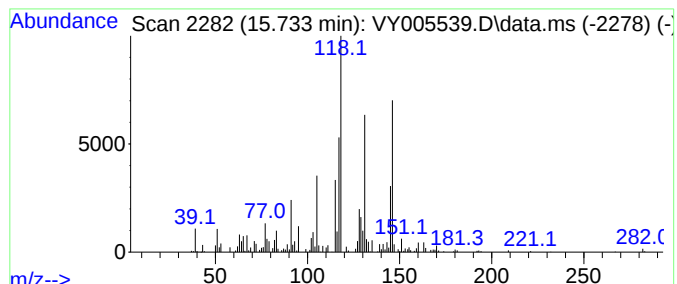
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	7.23 ug/l	204082	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
2			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005539.D
Acq On : 04 Aug 2021 15:48
Operator : SY/MD
Sample : M3291-01
Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

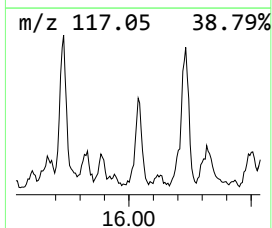
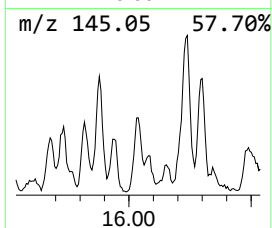
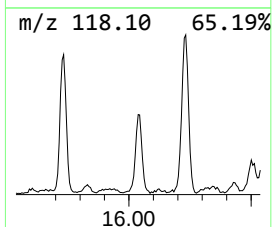
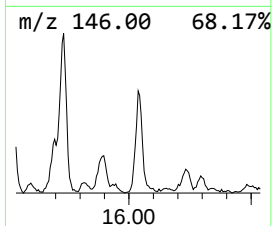
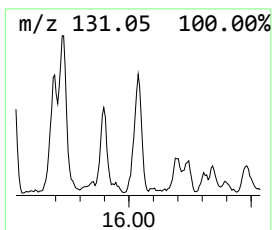
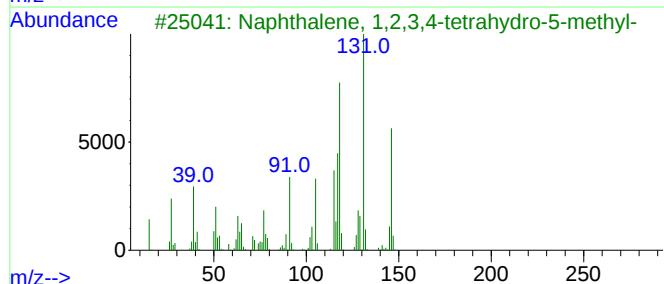
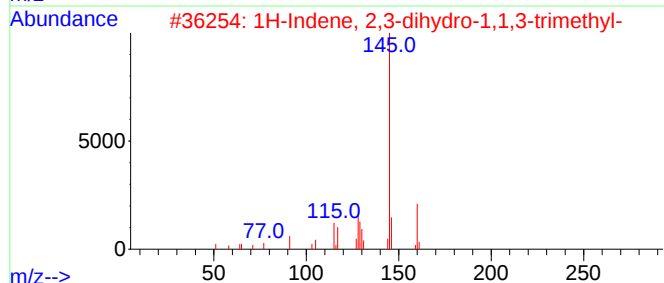
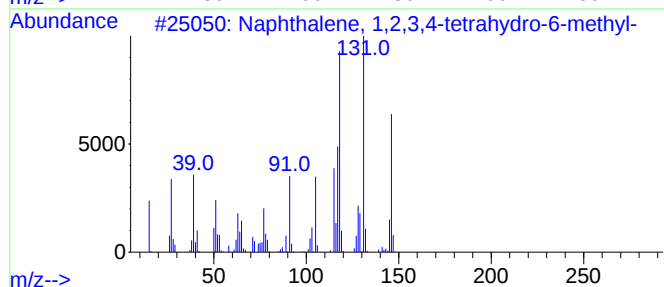
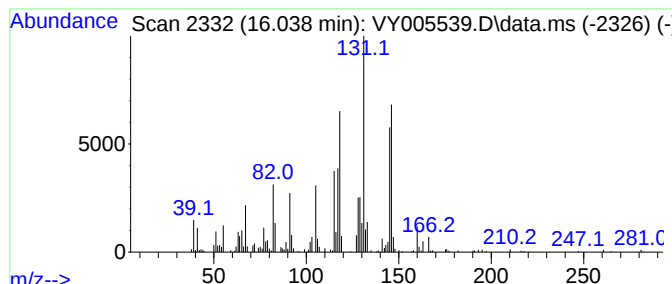
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	7.06 ug/l	199399	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	84
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005539.D
Acq On : 04 Aug 2021 15:48
Operator : SY/MD
Sample : M3291-01
Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

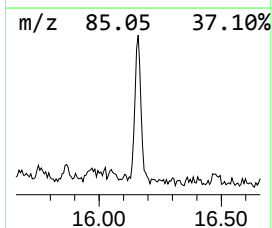
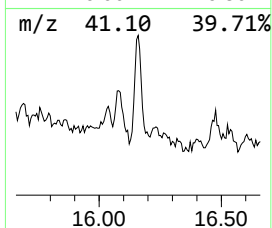
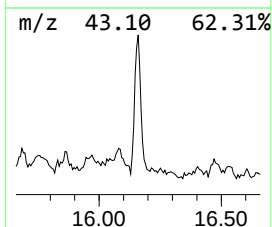
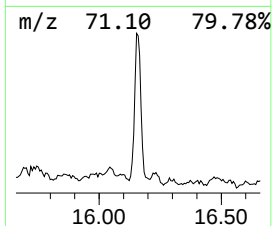
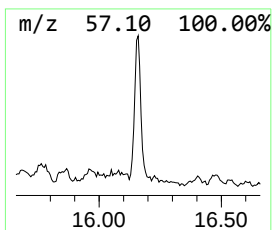
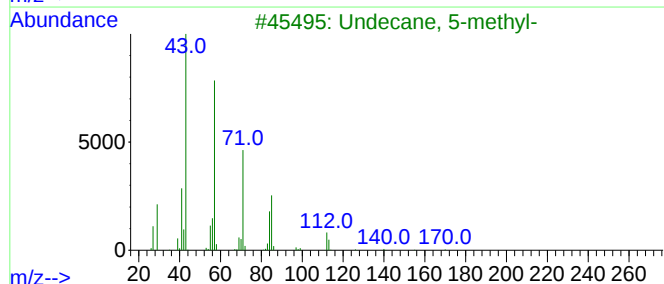
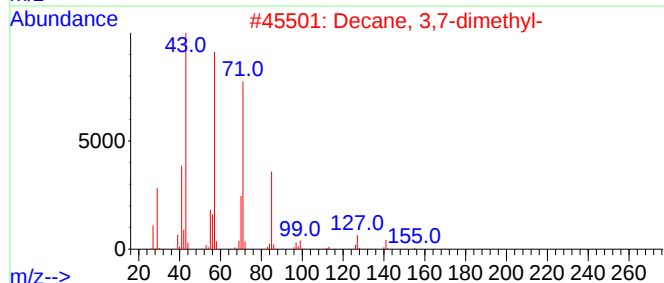
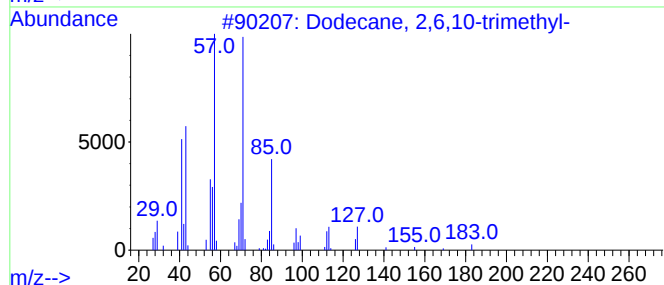
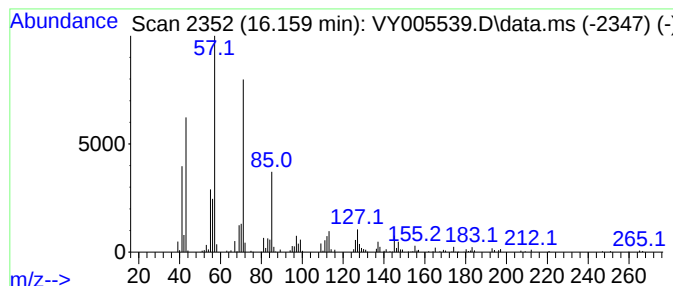
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.160	5.99 ug/l	169116	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	80
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005539.D
Acq On : 04 Aug 2021 15:48
Operator : SY/MD
Sample : M3291-01
Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

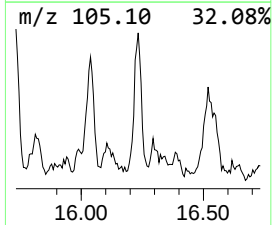
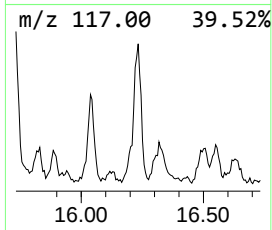
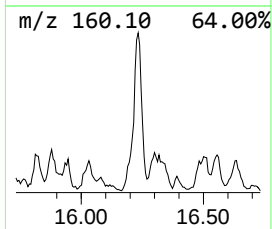
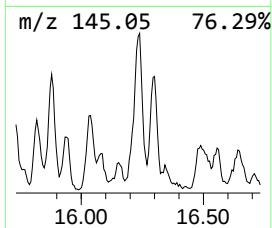
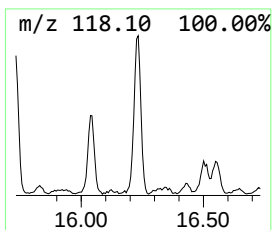
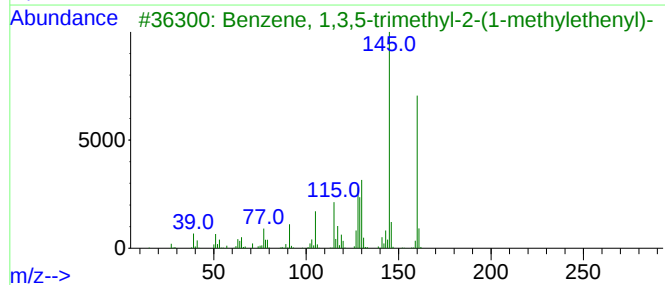
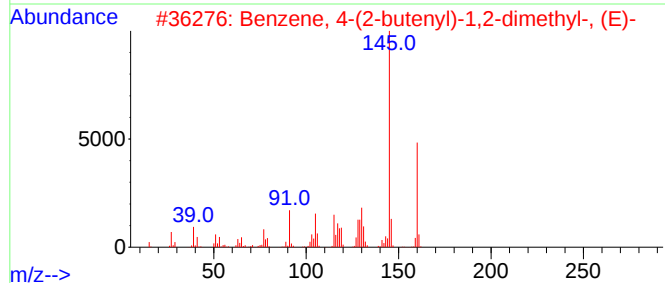
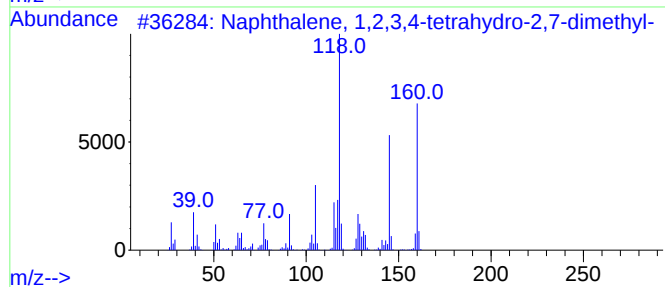
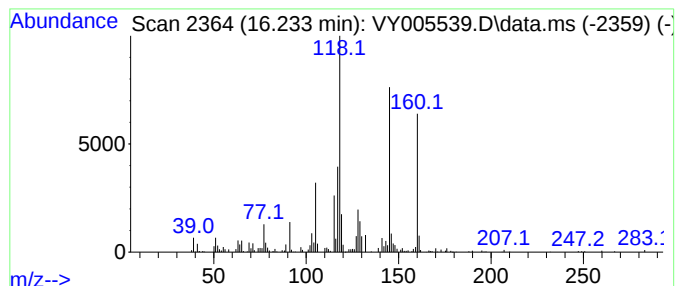
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	7.72 ug/l	218149	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	50
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005539.D
Acq On : 04 Aug 2021 15:48
Operator : SY/MD
Sample : M3291-01
Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

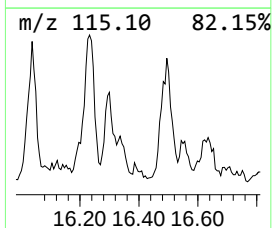
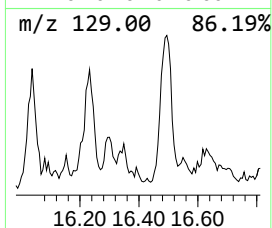
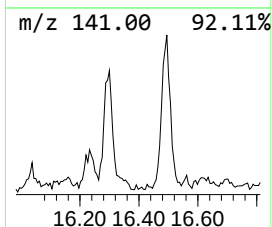
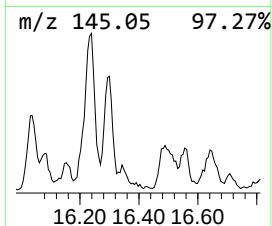
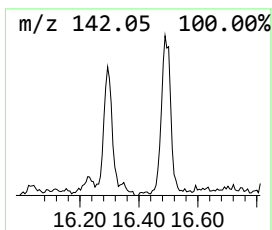
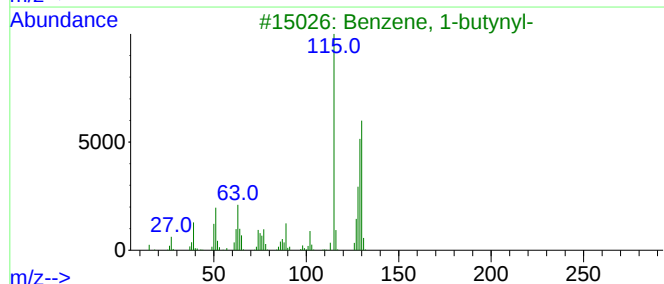
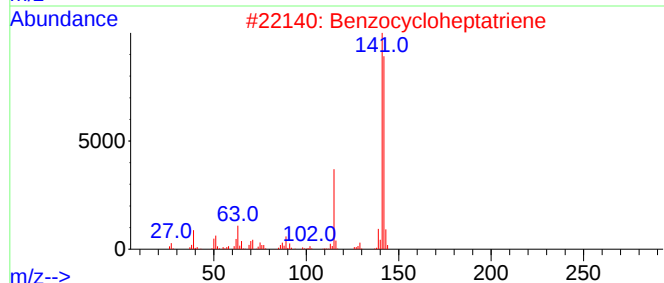
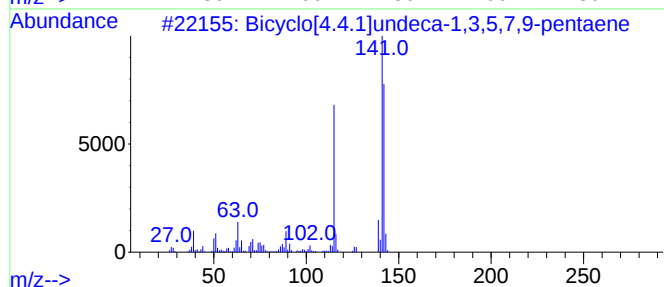
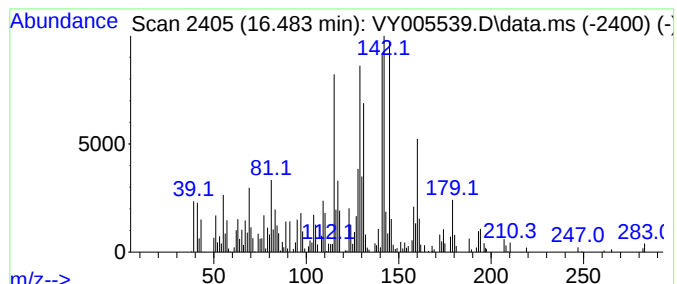
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	6.72 ug/l	189859	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50
2			Benzocycloheptatriene	142	C11H10	000264-09-5	45
3			Benzene, 1-butynyl-	130	C10H10	000622-76-4	44
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	42
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
Data File : VY005539.D
Acq On : 04 Aug 2021 15:48
Operator : SY/MD
Sample : M3291-01
Misc : 6.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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					#	RT	Resp	Conc
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Benzene, 2-ethy...	14.678	9.8	ug/l	276625	4	13.428	1412010	50.0
unknown14.739	14.739	6.3	ug/l	177876	4	13.428	1412010	50.0
Tridecane, 7-me...	15.214	10.6	ug/l	300282	4	13.428	1412010	50.0
Naphthalene, 1,...	15.733	7.2	ug/l	204082	4	13.428	1412010	50.0
1H-Indene, 2,3-...	16.038	7.1	ug/l	199399	4	13.428	1412010	50.0
Dodecane, 2,6,1...	16.160	6.0	ug/l	169116	4	13.428	1412010	50.0
Naphthalene, 1,...	16.233	7.7	ug/l	218149	4	13.428	1412010	50.0
Bicyclo[4.4.1]u...	16.483	6.7	ug/l	189859	4	13.428	1412010	50.0