

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019493.D
 Acq On : 10 Sep 2024 17:21
 Operator : SY/MD
 Sample : P3911-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

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\82Y090924S.M

Title : SW846 8260

Signal : TIC: VY019493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	13	17	26	rVB2	15701	30912	1.17%	0.144%
2	2.172	69	74	80	rBV3	23826	43988	1.66%	0.205%
3	4.610	462	474	489	rBV3	33293	120183	4.55%	0.560%
4	5.128	549	559	570	rVB5	8254	27135	1.03%	0.127%
5	5.640	633	643	654	rBV3	25517	78995	2.99%	0.368%
6	6.604	789	801	806	rBV4	10025	32273	1.22%	0.150%
7	6.683	806	814	825	rVB3	24559	76453	2.89%	0.356%
8	7.628	958	969	975	rBV	220639	542417	20.53%	2.529%
9	7.701	975	981	990	rVB	369804	860084	32.55%	4.011%
10	7.914	1010	1016	1024	rBV2	14211	32110	1.22%	0.150%
11	8.067	1030	1041	1052	rBV3	347767	929957	35.19%	4.336%
12	8.469	1101	1107	1118	rVB2	44830	91913	3.48%	0.429%
13	8.609	1122	1130	1142	rBV	595713	1185061	44.85%	5.526%
14	8.817	1155	1164	1177	rBV4	13244	38729	1.47%	0.181%
15	9.103	1201	1211	1218	rBV	67523	148772	5.63%	0.694%
16	9.286	1233	1241	1249	rBV	38955	71683	2.71%	0.334%
17	9.749	1310	1317	1321	rBV2	26816	49742	1.88%	0.232%
18	9.884	1332	1339	1350	rVB4	22867	58753	2.22%	0.274%
19	9.993	1350	1357	1367	rBV2	16900	37921	1.44%	0.177%
20	10.103	1368	1375	1381	rVV	942660	1625691	61.52%	7.580%
21	10.170	1381	1386	1394	rVV	746433	1254319	47.47%	5.849%
22	10.298	1398	1407	1414	rVB	69199	130136	4.92%	0.607%
23	10.859	1496	1499	1508	rVB6	16144	29480	1.12%	0.137%
24	11.207	1548	1556	1563	rVB4	25401	50147	1.90%	0.234%
25	11.310	1566	1573	1580	rBV2	17185	32061	1.21%	0.149%
26	11.414	1582	1590	1597	rBV	850685	1382799	52.33%	6.448%
27	11.517	1602	1607	1617	rVV	122612	194890	7.38%	0.909%
28	11.621	1617	1624	1636	rVV	503824	970565	36.73%	4.526%
29	11.950	1666	1678	1690	rBV	338226	640126	24.23%	2.985%
30	12.133	1702	1708	1712	rBV5	20394	38932	1.47%	0.182%
31	12.408	1746	1753	1759	rBV	600516	947351	35.85%	4.417%
32	12.499	1764	1768	1772	rVB2	18323	27034	1.02%	0.126%
33	12.590	1772	1783	1789	rVB3	23701	63691	2.41%	0.297%
34	12.657	1789	1794	1797	rBV	94652	151525	5.73%	0.707%
35	12.688	1797	1799	1802	rVV2	47879	61185	2.32%	0.285%
36	12.731	1802	1806	1812	rVB2	133525	209045	7.91%	0.975%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019493.D
 Acq On : 10 Sep 2024 17:21
 Operator : SY/MD
 Sample : P3911-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

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\82Y090924S.M
 Title : SW846 8260

37	12.895	1827	1833	1841	rBV2	49634	103138	3.90%	0.481%
38	13.042	1851	1857	1863	rBV	241982	376281	14.24%	1.755%
39	13.145	1870	1874	1879	rBV5	19428	29966	1.13%	0.140%
40	13.255	1886	1892	1893	rBV5	20218	36767	1.39%	0.171%
41	13.285	1893	1897	1901	rBV6	21279	29263	1.11%	0.136%
42	13.346	1901	1907	1917	rVB2	741319	1357597	51.38%	6.330%
43	13.426	1917	1920	1921	rBV	35818	40378	1.53%	0.188%
44	13.548	1935	1940	1943	rBV3	63125	93838	3.55%	0.438%
45	13.584	1943	1946	1952	rVB2	46502	67925	2.57%	0.317%
46	13.676	1957	1961	1964	rBV	61103	79925	3.02%	0.373%
47	13.724	1964	1969	1974	rBV	143691	215016	8.14%	1.003%
48	13.791	1977	1980	1984	rBV3	25688	34844	1.32%	0.162%
49	13.889	1992	1996	2002	rVB3	45486	74433	2.82%	0.347%
50	13.999	2009	2014	2017	rBV4	25793	38088	1.44%	0.178%
51	14.163	2037	2041	2047	rVV	41989	73445	2.78%	0.342%
52	14.255	2053	2056	2061	rVB	22100	26880	1.02%	0.125%
53	14.529	2097	2101	2105	rVB	89996	117348	4.44%	0.547%
54	14.590	2105	2111	2117	rBV3	44472	96175	3.64%	0.448%
55	14.651	2117	2121	2128	rVB5	29465	55458	2.10%	0.259%
56	14.956	2167	2171	2176	rBV6	17888	35555	1.35%	0.166%
57	15.047	2182	2186	2192	rVB3	29691	49913	1.89%	0.233%
58	15.139	2192	2201	2212	rBV	1564398	2642389	100.00%	12.321%
59	15.236	2212	2217	2224	rVB2	41382	76826	2.91%	0.358%
60	15.340	2229	2234	2241	rVB	255377	362739	13.73%	1.691%
61	15.444	2243	2251	2255	rBV10	22534	56839	2.15%	0.265%
62	15.505	2255	2261	2265	rVB2	21929	47567	1.80%	0.222%
63	15.626	2277	2281	2286	rVB2	15677	29497	1.12%	0.138%
64	15.779	2300	2306	2309	rBV2	52195	103582	3.92%	0.483%
65	15.858	2314	2319	2322	rVV3	42000	67760	2.56%	0.316%
66	15.907	2322	2327	2334	rVV2	78597	147362	5.58%	0.687%
67	15.980	2334	2339	2345	rVB3	68422	122463	4.63%	0.571%
68	16.047	2345	2350	2357	rBV	73283	133465	5.05%	0.622%
69	16.175	2364	2371	2377	rBV	318418	616443	23.33%	2.874%
70	16.242	2377	2382	2389	rBV	536182	916663	34.69%	4.274%
71	16.364	2394	2402	2408	rBV	251834	593590	22.46%	2.768%
72	16.571	2433	2436	2442	rBV7	19038	43905	1.66%	0.205%
73	16.742	2458	2464	2469	rBV3	72186	186359	7.05%	0.869%

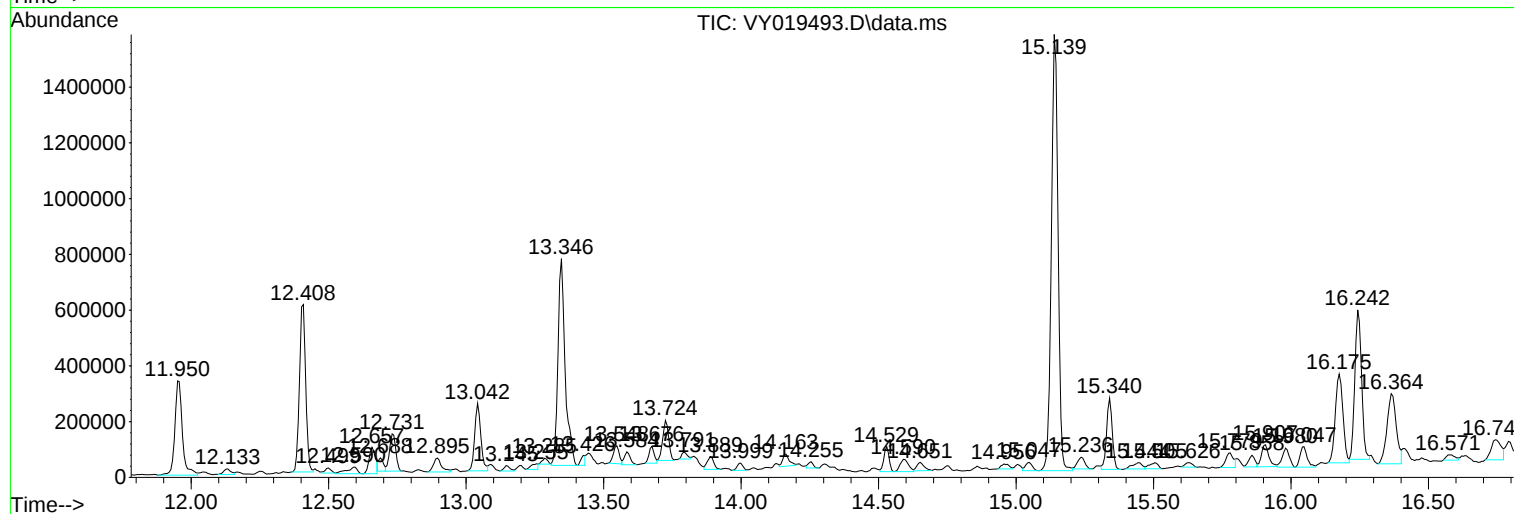
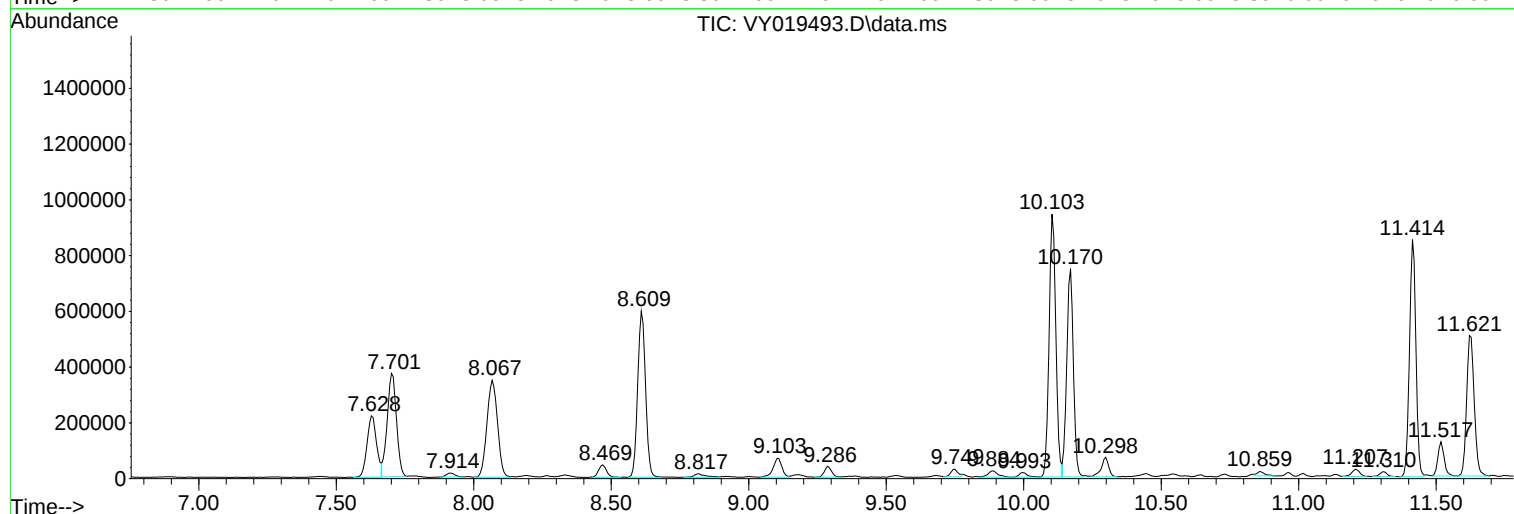
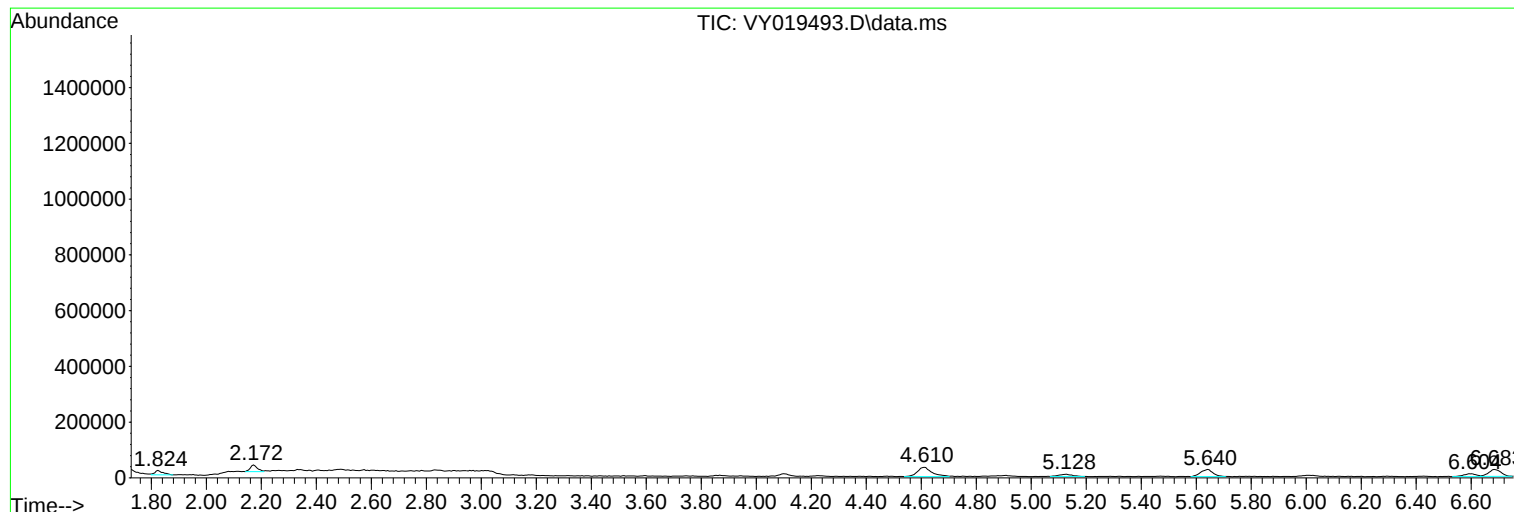
Sum of corrected areas: 21445740

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

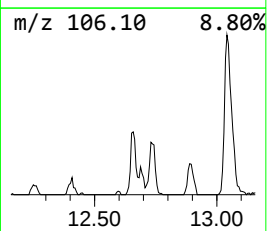
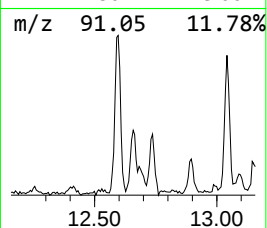
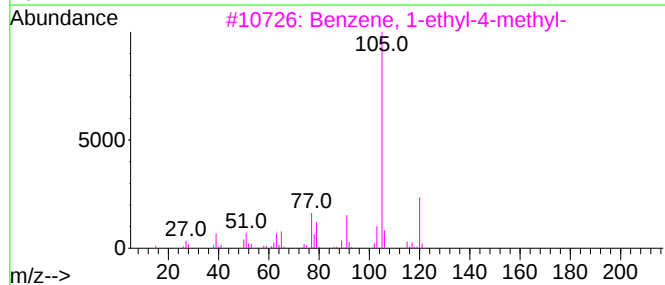
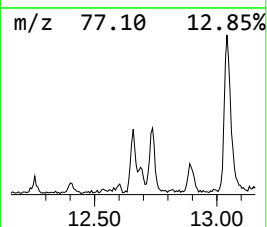
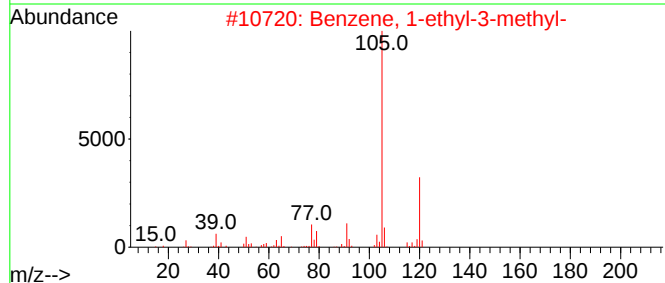
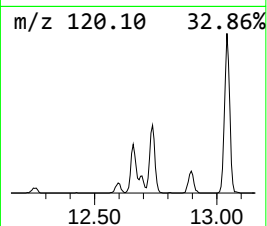
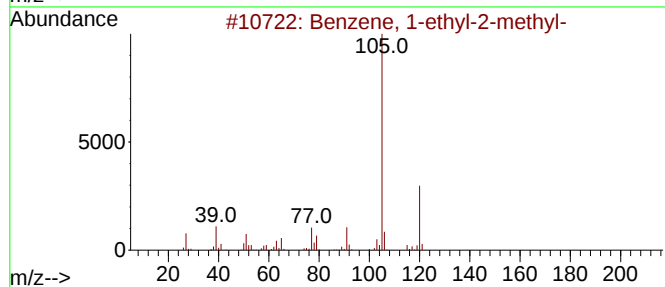
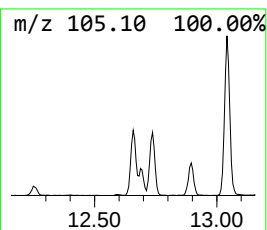
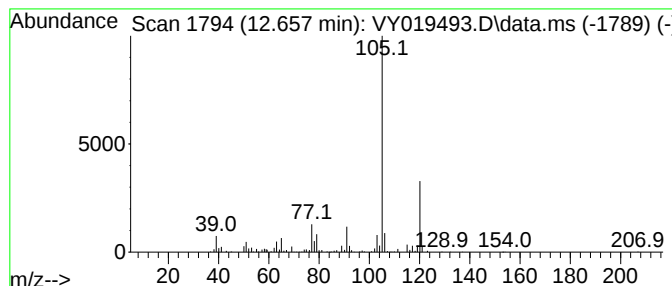
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	5.58 ug/l	151525	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

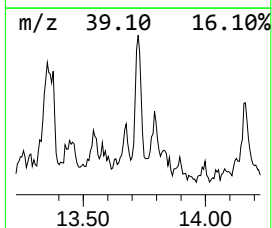
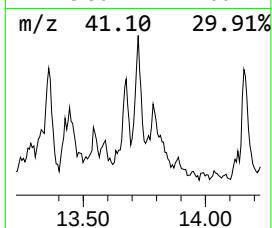
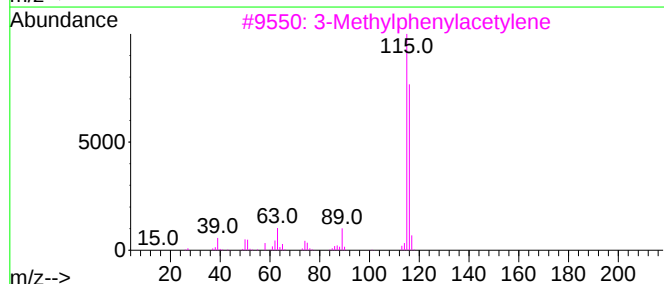
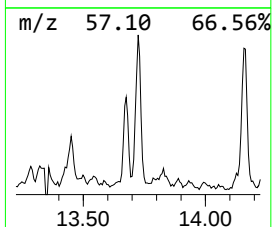
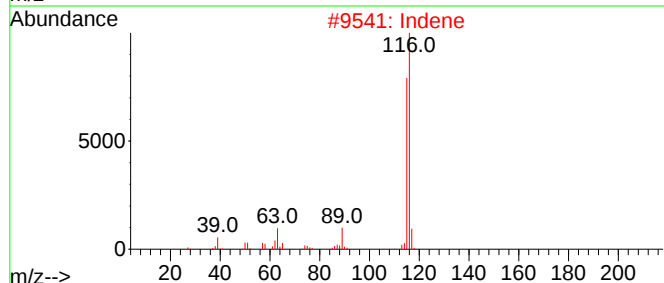
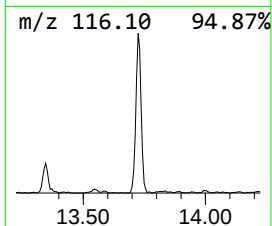
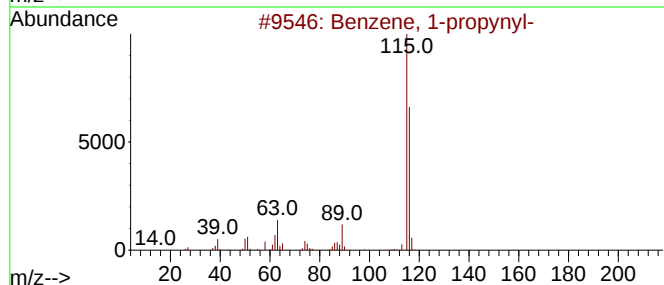
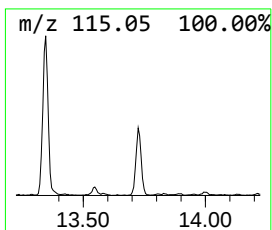
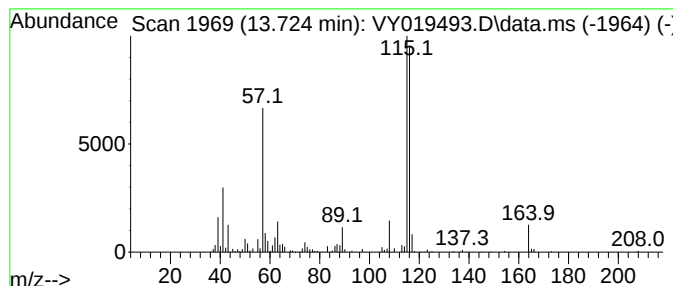
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.724	7.92 ug/l	215016	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
2			Indene	116	C9H8	000095-13-6	90
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	87
4			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

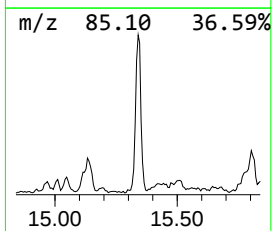
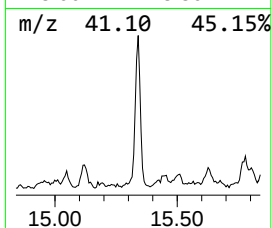
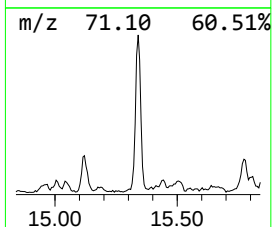
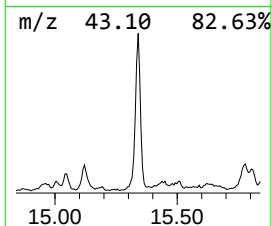
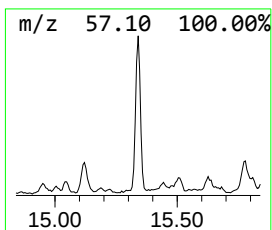
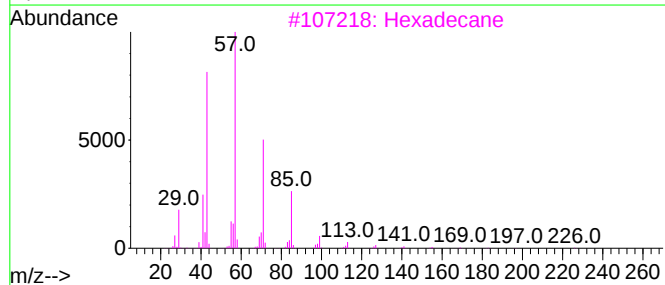
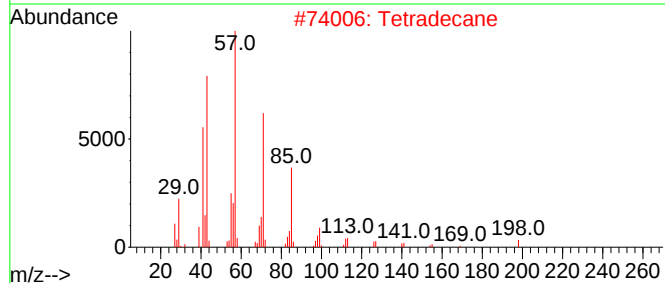
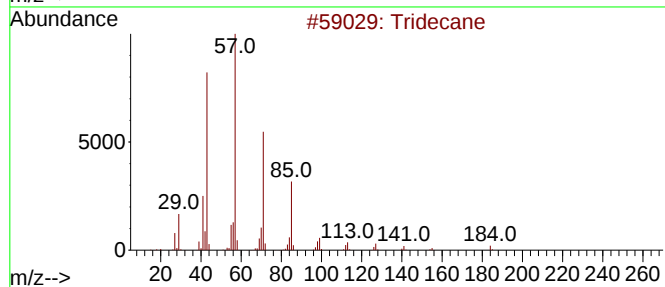
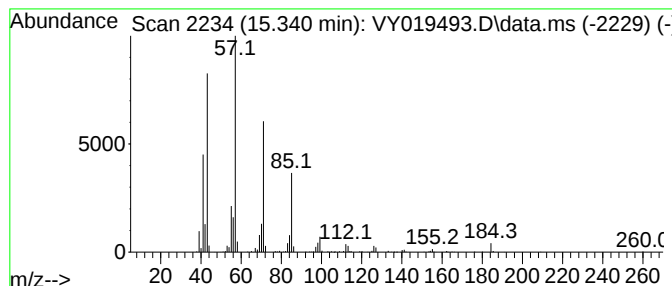
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 3 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.340	13.36 ug/l	362739	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane	226	C16H34	000544-76-3	87
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

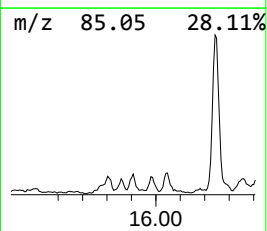
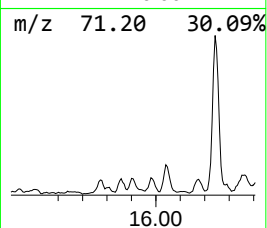
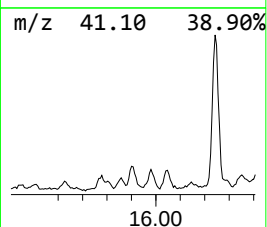
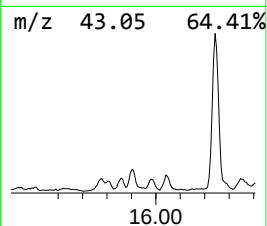
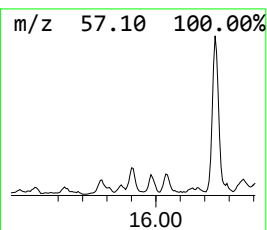
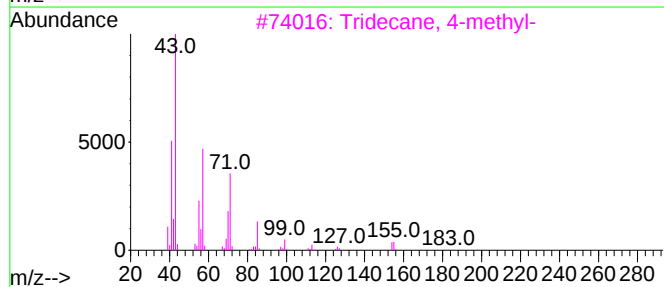
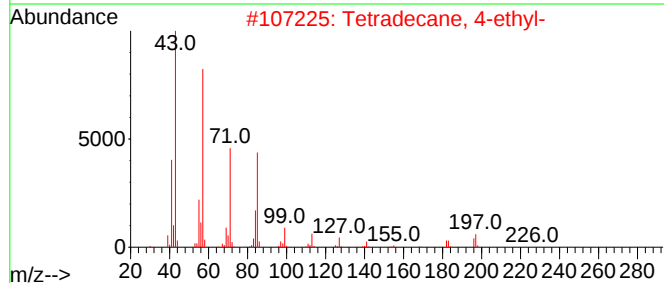
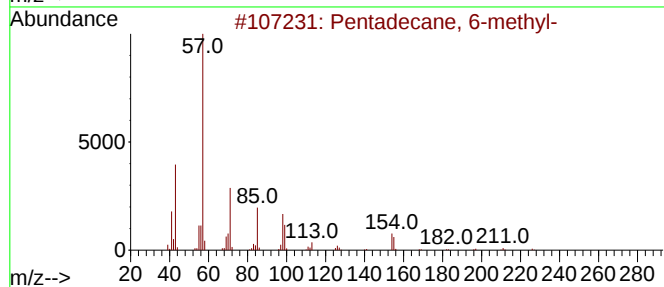
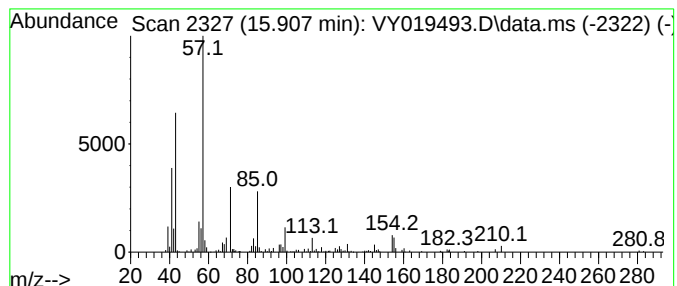
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentadecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.907	5.43 ug/l	147362	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	80
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	49
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	49
4			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	49
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

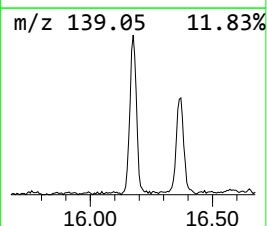
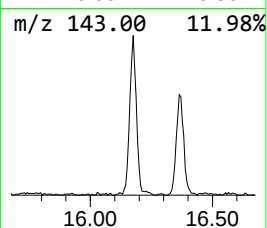
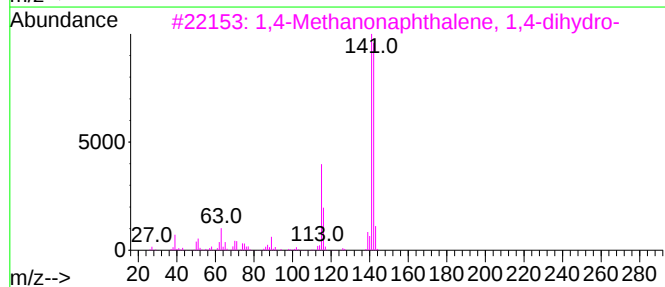
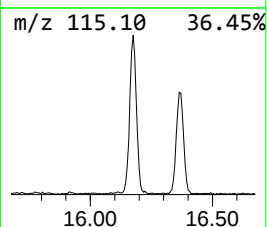
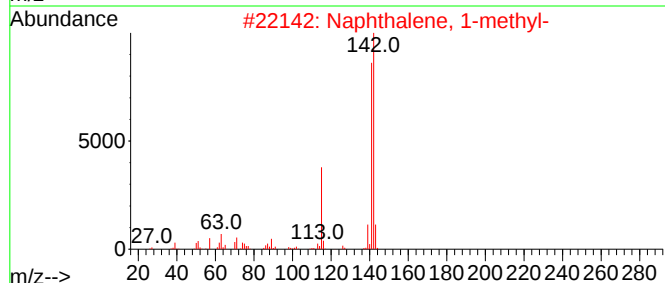
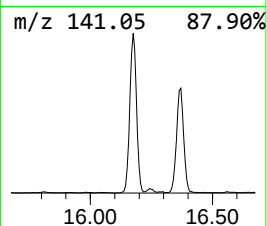
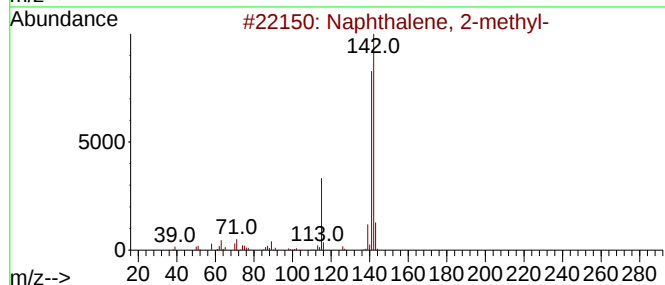
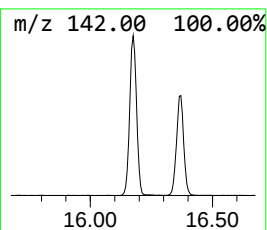
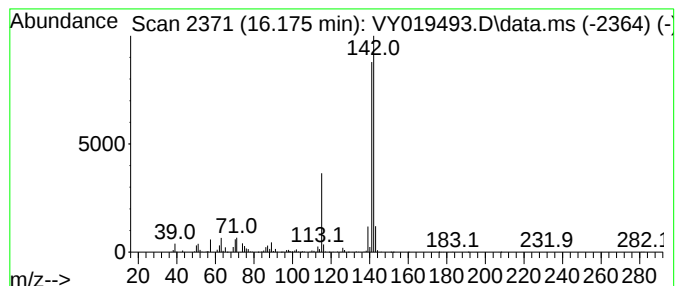
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	22.70 ug/l	616443	1,4-Dichlorobenzene-d4	13.346

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-dihy...	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_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

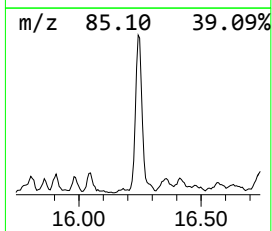
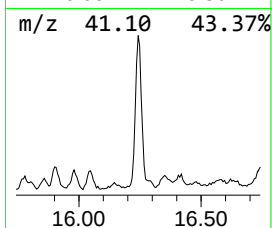
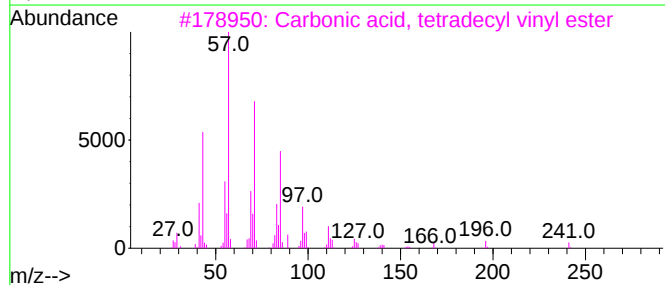
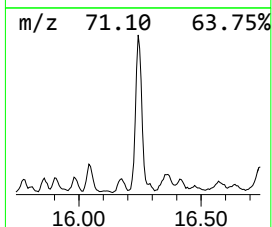
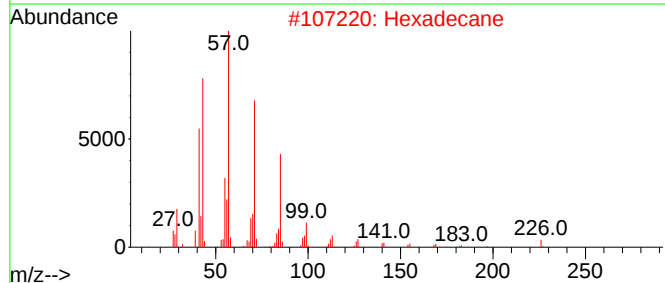
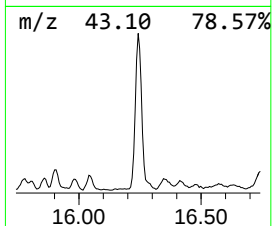
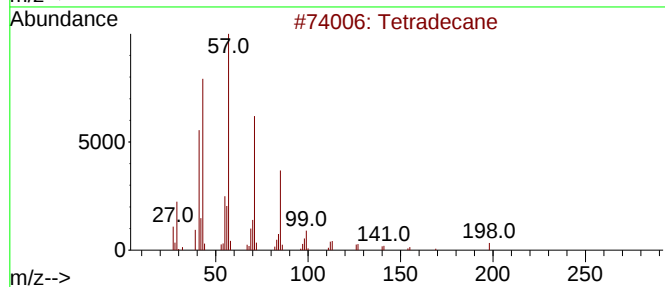
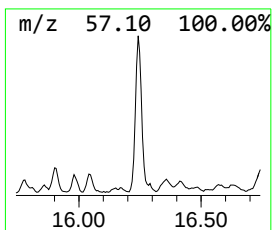
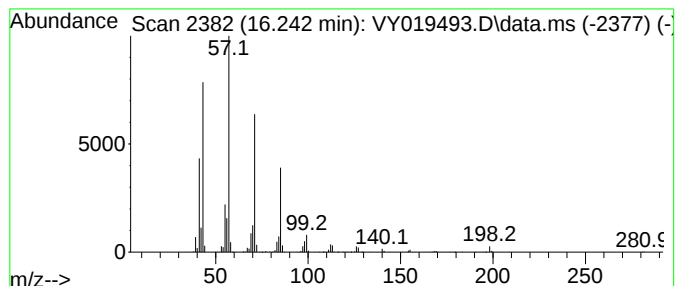
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 6 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.242	33.76 ug/l	916663	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Hexadecane	226	C16H34	000544-76-3	91
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5			Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

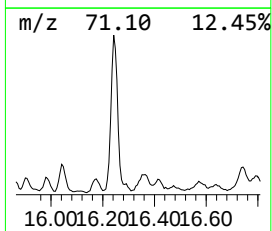
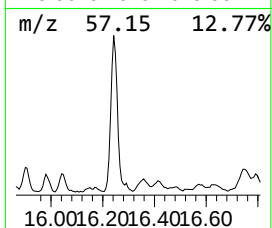
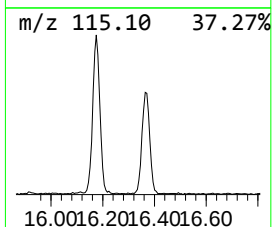
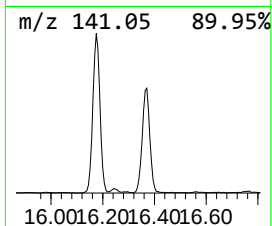
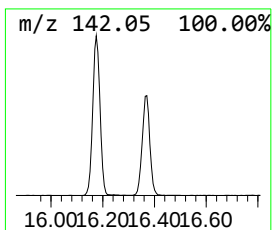
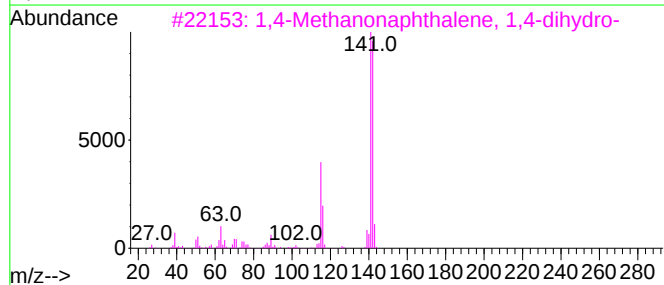
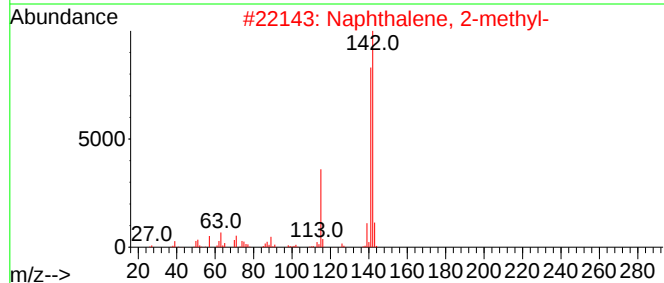
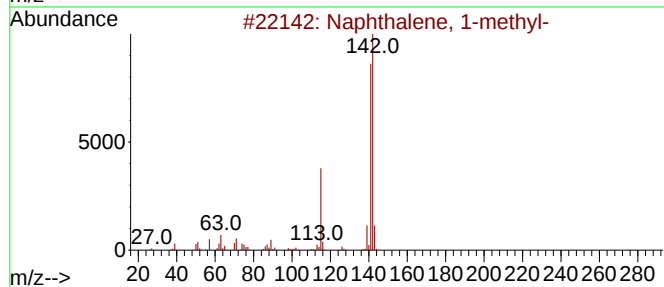
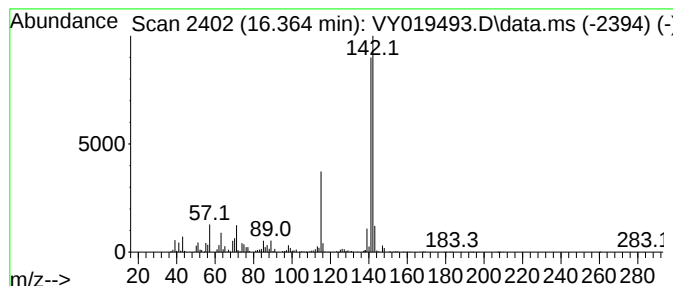
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.364	21.86 ug/l	593590	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	90
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

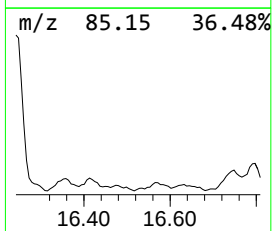
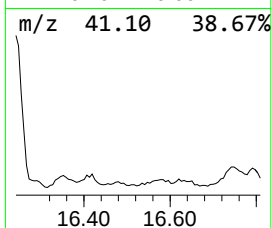
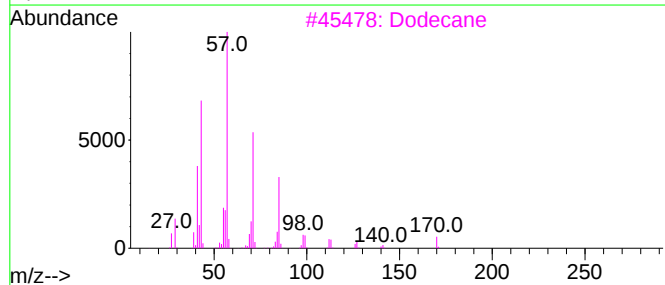
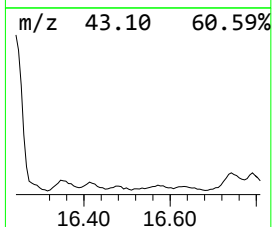
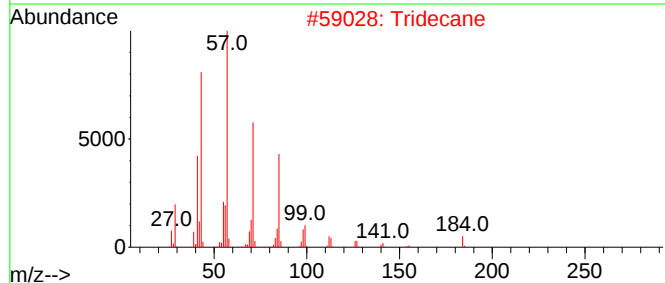
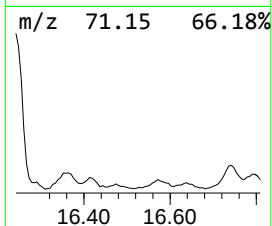
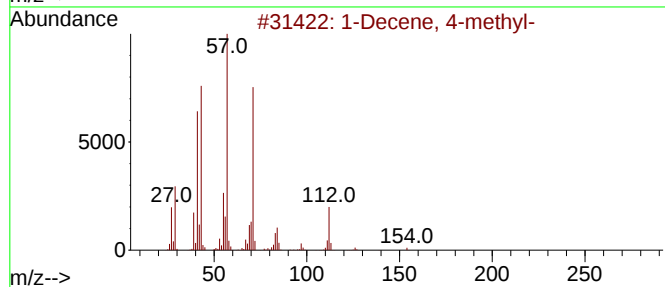
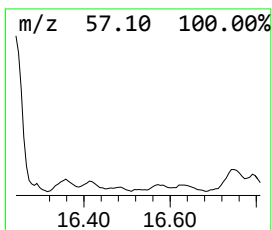
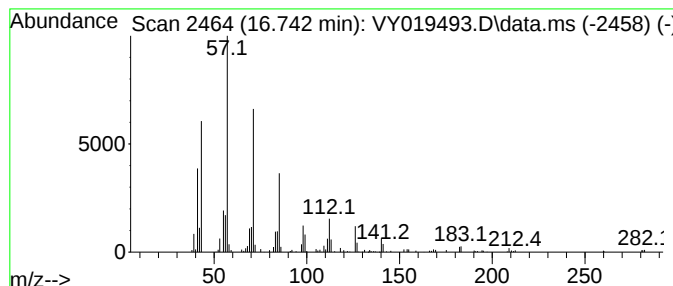
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

Peak Number 8 1-Decene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.742	6.86 ug/l	186359	1,4-Dichlorobenzene-d4	13.346

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 4-methyl-			154	C11H22	013151-29-6	90
2	Tridecane			184	C13H28	000629-50-5	80
3	Dodecane			170	C12H26	000112-40-3	80
4	Pentadecane, 7-methyl-			226	C16H34	006165-40-8	72
5	Hexadecane, 7,9-dimethyl-			254	C18H38	021164-95-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019493.D
Acq On : 10 Sep 2024 17:21
Operator : SY/MD
Sample : P3911-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.658	5.6	ug/l	151525	4	13.346	1357600	50.0
Benzene, 1-prop...	13.724	7.9	ug/l	215016	4	13.346	1357600	50.0
Tridecane	15.340	13.4	ug/l	362739	4	13.346	1357600	50.0
Pentadecane, 6-...	15.907	5.4	ug/l	147362	4	13.346	1357600	50.0
Naphthalene, 2-...	16.175	22.7	ug/l	616443	4	13.346	1357600	50.0
Tetradecane	16.242	33.8	ug/l	916663	4	13.346	1357600	50.0
Naphthalene, 1-...	16.364	21.9	ug/l	593590	4	13.346	1357600	50.0
1-Decene, 4-met...	16.742	6.9	ug/l	186359	4	13.346	1357600	50.0