

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026564.D
 Acq On : 24 Jun 2022 18:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Jun 25 02:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	229417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	107903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	78206	4.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.581	69	65789	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.124	63	143848	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.912	46	106540	58.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.160%
24) Chloroform-d	4.362	84	141493	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.043	65	55723	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.059	84	281611	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.075	67	80747	4.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.320	98	261061	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.628	79	20712	4.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	78178	47.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54259	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	82453	4.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	82817	4.741	ug/L	99
3) Chloromethane	1.256	50	84921	4.445	ug/L	100
5) Vinyl chloride	1.323	62	93972	4.620	ug/L	98
6) Bromomethane	1.536	94	43809	3.979	ug/L	98
8) Chloroethane	1.600	64	64984m	4.697	ug/L	
9) Trichlorofluoromethane	1.767	101	137730	4.855	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	79658	4.739	ug/L	98
12) 1,1-Dichloroethene	2.134	96	74337	4.798	ug/L	93
13) Acetone	2.198	43	68472	58.841	ug/L	99
14) Carbon disulfide	2.307	76	197018	4.819	ug/L	98
15) Methyl Acetate	2.455	43	30283	9.025	ug/L	99
16) Methylene chloride	2.519	84	79015	4.804	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	123807	4.902	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	73916	4.676	ug/L	99
19) 1,1-Dichloroethane	3.204	63	139518	4.915	ug/L	100
21) 2-Butanone	3.992	43	98794	56.434	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	80207	5.109	ug/L	97
23) Bromochloromethane	4.265	128	33289	5.149	ug/L	98
25) Chloroform	4.387	83	145503	4.791	ug/L	97

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Manual Integrations
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 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 25 02:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	66326	4.907	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	128739	4.937	ug/L	98
30) Cyclohexane	4.686	56	98523	4.772	ug/L	100
31) Carbon tetrachloride	4.838	117	107549	4.917	ug/L	98
33) Benzene	5.111	78	311998	5.043	ug/L	100
34) Trichloroethene	5.921	95	78701	4.838	ug/L	98
35) Methylcyclohexane	6.137	83	110567	4.595	ug/L	99
37) 1,2-Dichloropropane	6.178	63	72613	4.869	ug/L	99
38) Bromodichloromethane	6.516	83	88630	5.035	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	73216	4.885	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	271306	53.861	ug/L	98
42) Toluene	7.391	91	333549	5.222	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	57415	5.150	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	48561	5.164	ug/L	100
47) Tetrachloroethene	7.976	164	62888	4.856	ug/L	98
48) 2-Hexanone	8.143	43	180981	51.615	ug/L	98
49) Dibromochloromethane	8.249	129	52799	5.545	ug/L	97
50) 1,2-Dibromoethane	8.355	107	41372	4.948	ug/L #	99
51) Chlorobenzene	8.882	112	208695	4.988	ug/L	98
52) Ethylbenzene	9.014	91	329673	4.991	ug/L	99
53) m,p-Xylene	9.140	106	130104	5.049	ug/L	100
54) o-Xylene	9.545	106	124042	5.128	ug/L	95
55) Styrene	9.561	104	211157	5.270	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53558	5.100	ug/L	99
59) Bromoform	9.731	173	21963	5.524	ug/L #	96
60) Isopropylbenzene	9.931	105	329209	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	35081	5.021	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	249282	4.739	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	254214	4.901	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	156573	4.837	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	154858	4.818	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	133812	4.859	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6045	4.824	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	105322	4.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76114	4.631	ug/L	99
71) Naphthalene	13.500	128	97181	4.532	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62729	4.664	ug/L	98

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

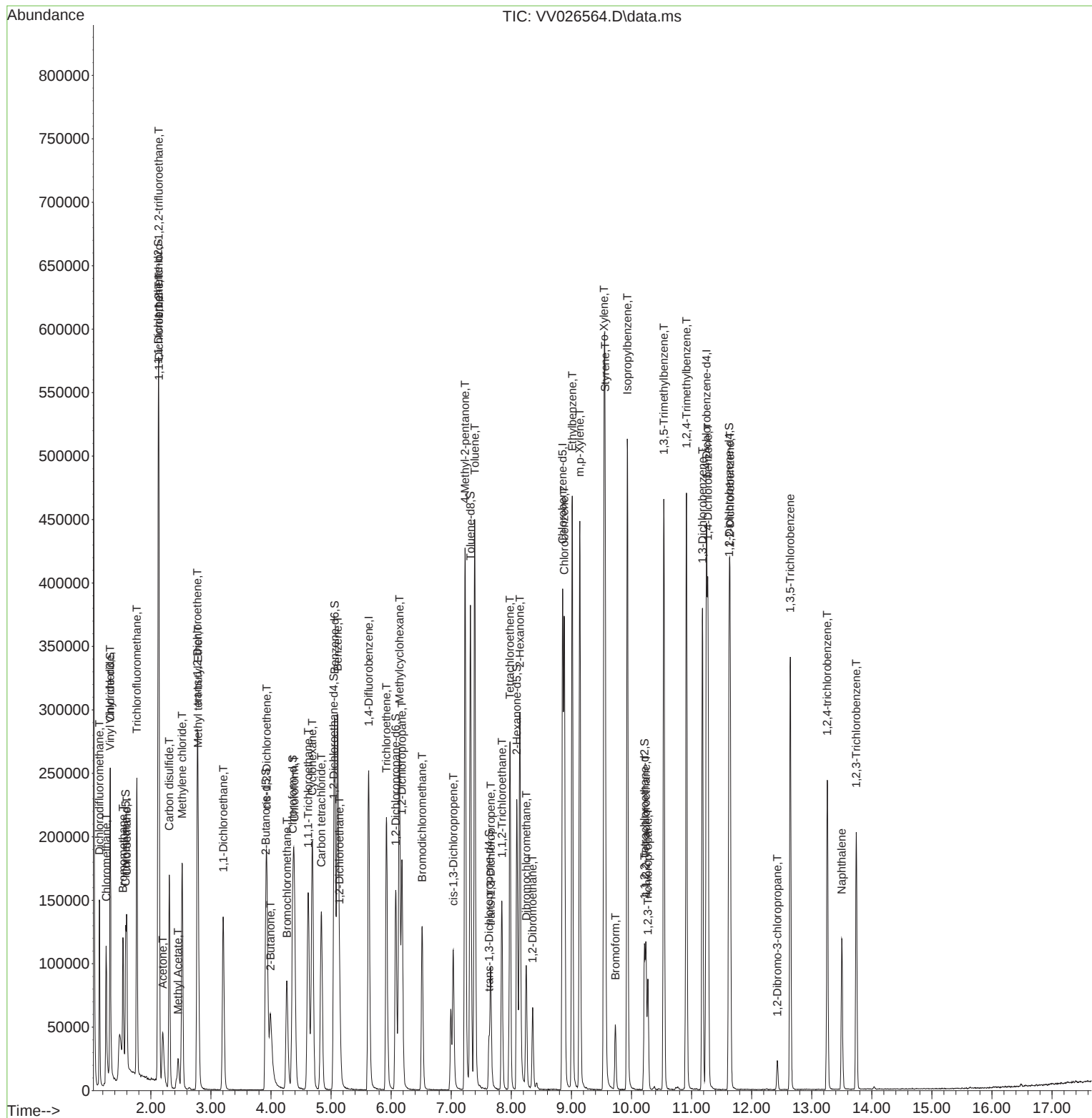
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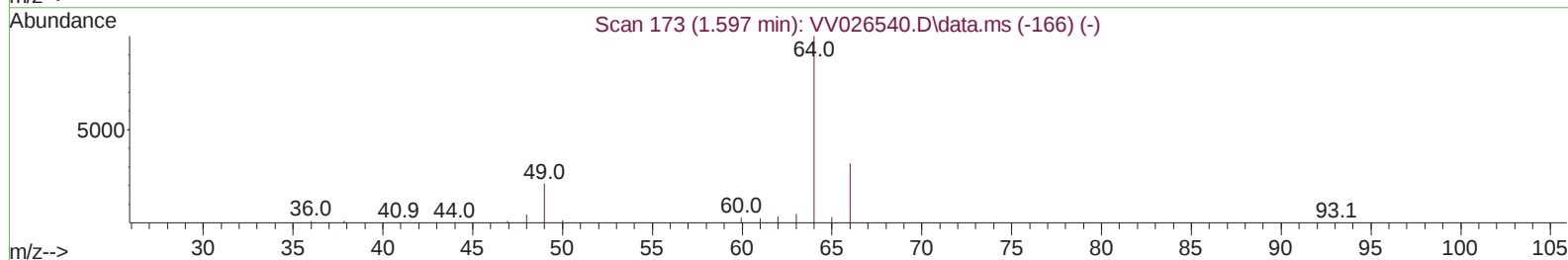
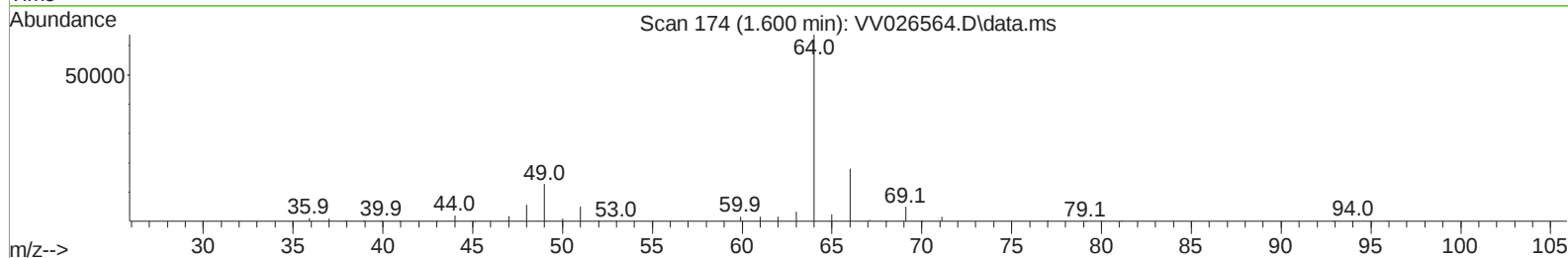
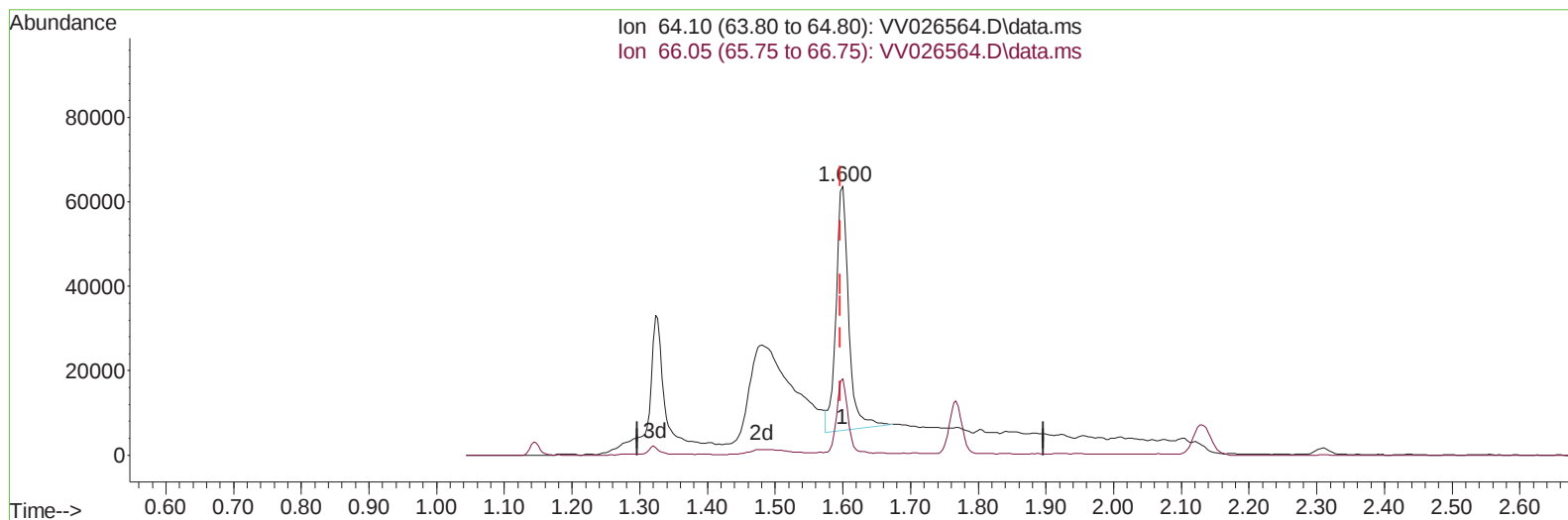
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TIC: VV026564.D\data.ms

(8) Chloroethane (T)

1.600min (+ 0.003) 5.42 ug/L

response 74961

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	28.60	28.33
0.00	0.00	0.00
0.00	0.00	0.00

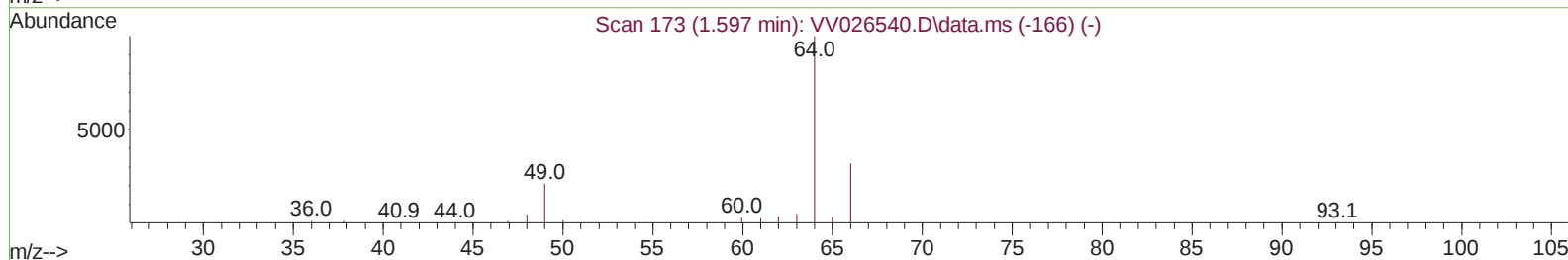
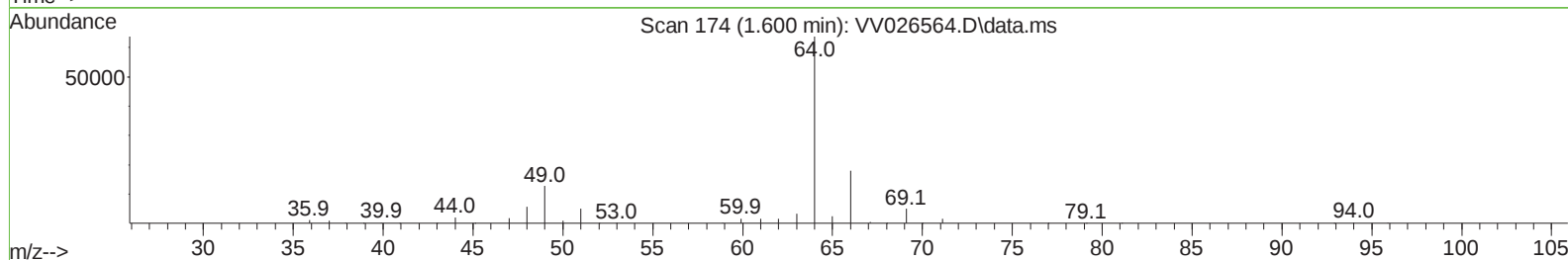
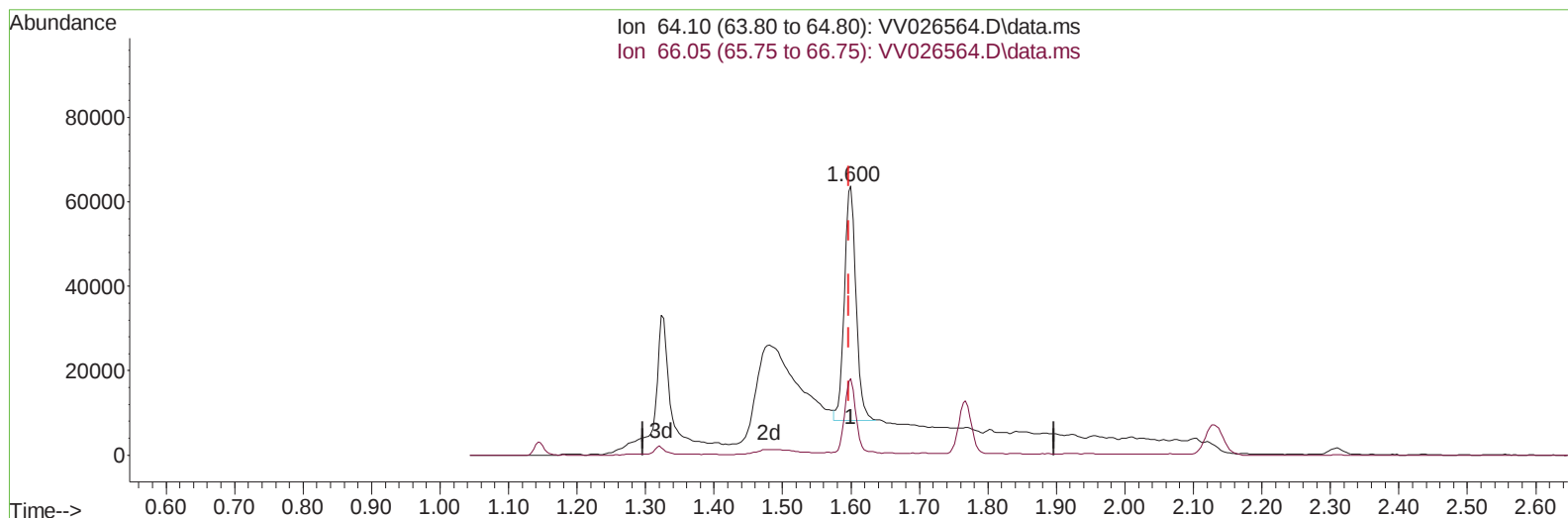
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TIC: VV026564.D\data.ms

(8) Chloroethane (T)

1.600min (+ 0.003) 4.70 ug/L m

response 64984

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	28.60	28.33
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	229417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	211904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	107903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	78206	4.239	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.581	69	65789	4.439	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.124	63	143848	4.388	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	87.800%	
20) 2-Butanone-d5	3.912	46	106540	58.082	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	116.160%	
24) Chloroform-d	4.362	84	141493	4.691	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.043	65	55723	4.797	ug/L	0.00
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Spiked Amount 5.000	Range 70	- 125	Recovery	=	92.600%	
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Spiked Amount 5.000	Range 80	- 120	Recovery	=	92.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	82817	4.741	ug/L	99
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42) Toluene	7.391	91	333549	5.222	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	57415	5.150	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	48561	5.164	ug/L	100
47) Tetrachloroethene	7.976	164	62888	4.856	ug/L	98
48) 2-Hexanone	8.143	43	180981	51.615	ug/L	98
49) Dibromochloromethane	8.249	129	52799	5.545	ug/L	97
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65) 1,4-Dichlorobenzene	11.271	146	154858	4.818	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	133812	4.859	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6045	4.824	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	105322	4.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76114	4.631	ug/L	99
71) Naphthalene	13.500	128	97181	4.532	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62729	4.664	ug/L	98

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

Manual Integrations

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